SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Title Page
Facility I.D.#: 800089
Revision #: 87
Date: January 25, 2010

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION
3700 W 190TH ST
TORRANCE, CA 90504

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	EXXONMOBIL OIL CORPORATION
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	3700 W 190TH ST TORRANCE, CA 90504-5790
MAILING ADDRESS:	3700 W 190TH ST TORRANCE, CA 90509-2929
RESPONSIBLE OFFICIAL:	MAXWELL A. OCANSEY
TITLE:	REFINERY MANAGER
TELEPHONE NUMBER:	(310) 212-4500
CONTACT PERSON:	MEENA NAINAN
TITLE:	ENVIRONMENTAL GROUP LEADER
TELEPHONE NUMBER:	(310) 212-4673
TITLE V PERMIT ISSUED:	January 25, 2010
TITLE V PERMIT EXPIRATION DATE:	January 24, 2015

TITLE V	RECLAIM

YES	NOx:	YES
	SOx:	YES
	CYCLE:	1
	ZONE:	COASTAL

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002.Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 01/25/10 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2007	6 /2008	Coastal	0	0	0
1/2008	12/2008	Coastal	1107909	216521	29251
1/2008	12/2008	Inland	0	30987	977
7/2008	6 /2009	Coastal	0	0	1556
1/2009	12/2009	Coastal	1112121	0	58502
1/2009	12/2009	Inland	0	0	1955
7/2009	6 /2010	Coastal	0	0	3113
1/2010	12/2010	Coastal	1112121	827887	87753
1/2010	12/2010	Inland	0	29032	2932
7/2010	6 /2011	Coastal	0	46228	4669
1/2011	12/2011	Coastal	1112121	1002959	139767
1/2011	12/2011	Inland	0	28055	3910
7/2011	6 /2012	Coastal	0	37100	5170
1/2012	12/2012	Coastal	1112121	1002959	139767
1/2012	12/2012	Inland	0	28055	3910
7/2012	6 /2013	Coastal	0	37100	5170
1/2013	12/2013	Coastal	1112121	1002959	139767

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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1/2013	12/2013	Inland	0	28055	3910
7/2013	6 /2014	Coastal	0	37100	5170
1/2014	12/2014	Coastal	1112121	1002959	139767
1/2014	12/2014	Inland	0	28055	3910
7/2014	6 /2015	Coastal	0	37100	5170
1/2015	12/2015	Coastal	1112121	1002959	139767
1/2015	12/2015	Inland	0	28055	3910
7/2015	6 /2016	Coastal	0	37100	5170
1/2016	12/2016	Coastal	1112121	1002959	139767
1/2016	12/2016	Inland	0	28055	3910
7/2016	6 /2017	Coastal	0	37100	5170
1/2017	12/2017	Coastal	1112121	1002959	139767
1/2017	12/2017	Inland	0	28055	3910
7/2017	6 /2018	Coastal	0	37100	5170
1/2018	12/2018	Coastal	1112121	1002959	139767
1/2018	12/2018	Inland	0	28055	3910
7/2018	6 /2019	Coastal	0	37100	5170

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

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RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 01/25/10 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
1/2019	12/2019	Coastal	1112121	1002959	139767
1/2019	12/2019	Inland	0	28055	3910
7/2019	6 /2020	Coastal	0	37100	5170
1/2020	12/2020	Coastal	1112121	1002959	139767
1/2020	12/2020	Inland	0	28055	3910
7/2020	6 /2021	Coastal	0	37100	5170
1/2021	12/2021	Coastal	1112121	1002959	139767
1/2021	12/2021	Inland	0	28055	3910
7/2021	6 /2022	Coastal	0	37100	5170
1/2022	12/2022	Coastal	1112121	1002959	139767
1/2022	12/2022	Inland	0	28055	3910
7/2022	6 /2023	Coastal	0	37100	5170
1/2023	12/2023	Coastal	1112121	1002959	139767
1/2023	12/2023	Inland	0	28055	3910
7/2023	6 /2024	Coastal	0	37100	5170
1/2024	12/2024	Coastal	1112121	1002959	139767
1/2024	12/2024	Inland	0	28055	3910

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 01/25/10 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2024	6 /2025	Coastal	0	37100	5170
1/2025	12/2025	Coastal	1112121	1002959	139767
1/2025	12/2025	Inland	0	28055	3910

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002.Total SOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - TradingZone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	SOx RTC Initially Allocated	SOx RTC [1] Holding as of 01/25/10 (pounds)	Non-Tradable [2] Credits (NTCs) (pounds)
1/2008	12/2008	Coastal	362049	99861	
1/2009	12/2009	Coastal	362345	850532	
1/2010	12/2010	Coastal	362345	850532	
1/2011	12/2011	Coastal	362345	842386	
1/2012	12/2012	Coastal	362345	842386	
1/2013	12/2013	Coastal	362345	842386	
1/2014	12/2014	Coastal	362345	842386	
1/2015	12/2015	Coastal	362345	842386	
1/2016	12/2016	Coastal	362345	842386	
1/2017	12/2017	Coastal	362345	842386	
1/2018	12/2018	Coastal	362345	842386	
1/2019	12/2019	Coastal	362345	842386	
1/2020	12/2020	Coastal	362345	842386	
1/2021	12/2021	Coastal	362345	842386	
1/2022	12/2022	Coastal	362345	842386	
1/2023	12/2023	Coastal	362345	842386	
1/2024	12/2024	Coastal	362345	842386	

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010 (b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - TradingZone Restrictions is listed on the last page of this Section.

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RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	SOx RTC Initially Allocated	SOx RTC [1] Holding as of 01/25/10 (pounds)	Non-Tradable [2] Credits (NTCs) (pounds)
1/2025	12/2025	Coastal	362345	842386	

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010 (b). The most recent total RTC information can be obtained from the District's RTC Listing.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year			NOx RTC Starting Allocation	Non-Tradable Credits(NTCs)
Begin	End	Zone	(pounds)	(pounds)
1/1994	12/1994	Coastal	3845062	0

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Year			SOx RTC Starting Allocation	Non-Tradable Credits(NTCs)
Begin	End	Zone	(pounds)	(pounds)
1/1994	12/1994	Coastal	1410211	1517688

FACILITY PERMIT TO OPERATE
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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
System 1 : CRUDE ATMOSPHERIC DISTILLATION					S13.2, S15.1, S15.2, S15.10
COLUMN, ATMOSPHERIC CRUDE DISTILLATION, 1C-1, CRUDE OIL, HEIGHT: 159 FT; DIAMETER: 21 FT 6 IN A/N: 431770	D1				E336.12
COLUMN, STRIPPER, 1C-2A/B/C, 3 SECTIONS WITH A/N: 431770 COLUMN, STRIPPER, 1C-2A, NAPHTHA SECTION, TOP SECTION, IDLE, HEIGHT: 81 FT; DIAMETER: 7 FT COLUMN, STRIPPER, 1C-2B, KEROSENE SECTION, MIDDLE SECTION, HEIGHT: 27 FT 6 IN; DIAMETER: 7 FT COLUMN, STRIPPER, 1C-2C, LIGHT GAS OIL SECTION, BOTTOM SECTION, HEIGHT: 29 FT; DIAMETER: 7 FT	D2				
TANK, FLASH, 1C-7, CRUDE OIL, HEIGHT: 30 FT; DIAMETER: 12 FT A/N: 431770	D5				
VESSEL, RECEIVER, 1C-4, CRUDE COLUMN OVERHEAD, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 431770	D23				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
FILTER, 1J-19, WASH WATER, CRUDE COLUMN OVERHEAD (1C-4) ACCUMULATOR, VESSEL WITH STAINLESS STEEL RESTRAINER BASKET A/N: 431770	D2194				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 431770	D1788			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : CRUDE VACUUM DISTILLATION					S13.2, S15.1, S15.2
COLUMN, VACUUM DISTILLATION, 1C-3, HEIGHT: 54 FT; DIAMETER: 42 FT A/N: 410415	D3				
VESSEL, 1C-19, VACUUM CONDENSATE RECEIVER, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 410415	D6				
EJECTOR, 1H-2A/2B, VACUUM GAS, 2 TOTAL A/N: 410415	D7				H23.11
EJECTOR, 1H-2B, VACUUM GAS A/N: 410415	D8				H23.11
POT, BLOWNDOWN, 1C-8, HEIGHT: 6 FT; DIAMETER: 2 FT 6 IN A/N: 410415	D35				
EJECTOR, 1H-9A/B, VACUUM TOWER OVERHEAD, 1ST STAGE, 2 TOTAL A/N: 410415	D2137				H23.11

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
EJECTOR, 1H-10, VACUUM TOWER OVERHEAD, 2ND STAGE A/N: 410415	D2138				H23.11
EJECTOR, 1H-11, VACUUM TOWER OVERHEAD, 3RD STAGE A/N: 410415	D2139				H23.11
EJECTOR, 1H-12, VACUUM TOWER OVERHEAD, 4TH STAGE A/N: 410415	D2140				H23.11
EJECTOR, 1H-13A/B, VACUUM TOWER OVERHEAD, 1ST STAGE, 2 TOTAL A/N: 410415	D2141				H23.11
EJECTOR, 1H-14, VACUUM TOWER OVERHEAD, 2ND STAGE A/N: 410415	D2142				H23.11
EJECTOR, 1H-15, VACUUM TOWER OVERHEAD, 3RD STAGE A/N: 410415	D2143				H23.11
EJECTOR, 1H-16, VACUUM TOWER OVERHEAD, 4TH STAGE A/N: 410415	D2144				H23.11
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410415	D1937			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
System 3 : DESALTER TAILWATER HANDLING					S13.9, S15.1
TANK, SEPARATOR, 72D-10, DESALTER EFFLUENT, HEIGHT: 24 FT; DIAMETER: 24 FT A/N: 443874	D1250			**SOX: 500 PPMV (5) [RULE 407,4-2-1982] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.9, H23.30, K171.9
TANK, SEPARATOR, 72D-11, DESALTER OIL, HEIGHT: 8 FT; DIAMETER: 3 FT A/N: 443874	D2145			**SOX: 500 PPMV (5) [RULE 407,4-2-1982] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.9, H23.30, K171.9
DRAIN SYSTEM COMPONENT A/N: 443874	D2255			**HAP: (10) [40CFR 61 Subpart FF_01,12-4-2003;40CFR 63 Subpart CC, #4,6-23-2003]**	H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 443874	D2256			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 4 : CRUDE UNIT FEED DESALTER					S13.2, S15.1, S31.4
TANK, SURGE, 1C-5, DESALTER WATER, HEIGHT: 17 FT 6 IN; DIAMETER: 7 FT A/N:	D4				
VESSEL, DESALTER, 1C-6A, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, HEIGHT: 86 FT; DIAMETER: 12 FT A/N:	D21				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
VESSEL, DESALTER, 1C-6B, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, HEIGHT: 86 FT; DIAMETER: 12 FT A/N:	D22				
System 6 : CRUDE HEATING SYSTEM					
HEATER, ATMOSPHERIC DISTILLATION COLUMN CHARGE, 1F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 457 MMBTU/HR WITH A/N: 442858 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 TOTAL; 457 MMBTU/HR	D913	C916	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13, K171.10
HEATER, VACUUM DISTILLATION COLUMN CHARGE, 1F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 161 MMBTU/HR WITH A/N: 455166 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 40 TOTAL; 161 MMBTU/HR	D914	C916	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
SELECTIVE CATALYTIC REDUCTION, WITH FIXED BED REACTOR AND HONEYCOMD TYPE CATALYST BED WITH A/N: 258222 AMMONIA INJECTION	C916	D913 D914 S1731		**NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]**	D12.2, D12.8, D28.11, E71.7
STACK, COMMON TO HEATERS 1F-1 & 1F-2 A/N: 455166	S1731	C916			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455166	D1789			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 7 : FUEL GAS FILTER SEPARATORS					S13.2, S15.1
FILTER, SEPARATOR, 1J-2, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF THE REMOVED LIQUID, SERVES HEATER 1F-1 A/N: 422297	D2257				K171.11
FILTER, SEPARATOR, 1J-3, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF THE REMOVED LIQUID, SERVES HEATERS 1F-1&1F-2 A/N: 422297	D2258				K171.11
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422297	D2259			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
System 8 : ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 1C-105, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 5.2 IN; LENGTH: 12 FT 11 IN WITH A/N: 468903 EVAPORATOR, 1E-36, AMMONIA, ELECTRIC HEATED	D2336				E71.12, K67.13
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
System 1 : NORTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 21C-1, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT A/N:	D57			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 21C-2, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT A/N:	D58			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 21C-3, COKE, HEIGHT: 61 FT; DIAMETER: 17 FT A/N:	D59			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
DRUM, 21C-4, COKE, HEIGHT: 61 FT; DIAMETER: 17 FT A/N:	D60			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 21C-5, COKE, HEIGHT: 61 FT; DIAMETER: 17 FT A/N:	D61			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 21C-6, COKE, HEIGHT: 61 FT; DIAMETER: 17 FT A/N:	D62			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
TOWER, BUBBLE, 21C-11, HEIGHT: 97 FT 3 IN; DIAMETER: 12 FT 6 IN A/N:	D63				
VESSEL, STABILIZER, 21C-13, HEIGHT: 42 FT; DIAMETER: 4 FT A/N:	D64				
ACCUMULATOR, 21C-14, STABILIZER OVERHEAD REFLUX, LENGTH: 29 FT 8 IN; DIAMETER: 4 FT A/N:	D65				
ACCUMULATOR, 21C-15, BUBBLE TOWER REFLUX, LENGTH: 39 FT 9 IN; DIAMETER: 8 FT A/N:	D66				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
TANK, FIXED ROOF, 21D-5, OILY SLUDGE, SKIMMING, WITH VAPOR RECOVERY SYSTEM, HEIGHT: 26 FT; DIAMETER: 17 FT WITH A/N: FILTER, OILY SLUDGE FILTER, OILY SLUDGE	D68				
VESSEL, 21C-17, GLAND OIL A/N:	D71			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1790			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : SOUTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 22C-7, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT A/N: 305247	D86			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 22C-8, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT A/N: 305247	D87			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 22C-9, COKE, HEIGHT: 60 FT; DIAMETER: 18 FT A/N:	D88			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
DRUM, 22C-10, COKE, HEIGHT: 60 FT; DIAMETER: 18 FT A/N:	D89			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 22C-11, COKE, HEIGHT: 60 FT; DIAMETER: 18 FT A/N:	D90			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
DRUM, 22C-12, COKE, HEIGHT: 60 FT; DIAMETER: 18 FT A/N:	D91			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003] ; PM: (9) [RULE 405,2-7-1986]**	
TOWER, BUBBLE, 22C-1, HEIGHT: 100 FT; DIAMETER: 11 FT A/N: 305247	D92				
TOWER, STABILIZER, 22C-3, HEIGHT: 75 FT; DIAMETER: 5 FT 6 IN A/N: 305247	D93				
ACCUMULATOR, 22C-5, STABILIZER OVERHEAD, LENGTH: 12 FT; DIAMETER: 3 FT 11 IN A/N: 305247	D94				
ACCUMULATOR, 22C-4, BUBBLE TOWER OVERHEAD, HEIGHT: 23 FT; DIAMETER: 7 FT 6 IN A/N: 305247	D95				
VESSEL, 22C-6, COKE CONDENSATE, LENGTH: 9 FT; DIAMETER: 4 FT A/N: 305247	D96				

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(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
VESSEL, 22C-17, CONDENSATE, LENGTH: 9 FT; DIAMETER: 4 FT A/N: 305247	D97				
VESSEL, 22C-26, GLAND OIL, HEIGHT: 12 FT; DIAMETER: 5 FT A/N: 305247	D98			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	
VESSEL, COMPRESSOR GAS SEPARATOR, 22C-13, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: 305247	D116				
COMPRESSOR, 22K-1, COKER GAS, WITH 3500 H.P. MOTOR A/N: 305247	D119				H23.34
SCRUBBER, WATER-WASH, 22C-35, COKER GAS, HEIGHT: 36 FT; DIAMETER: 6 FT A/N: 305247	D121				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 305247	D1791			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : COKE HANDLING SYSTEM					S1.4, S13.1
CONVEYOR, FEED, 22J-23, ENCLOSED, LENGTH: 43 FT 6 IN, WIDTH: 44 IN,125 HP A/N: 478145	D129			**PM:** (9) **[RULE 405,2-7-1986]**	A63.3, D323.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
TANK, HOLDING, 21D-10, COVERED, DECOKING JET WATER, 90000 GALLONS, DIAMETER: 25 FT, HEIGHT: 25 FT A/N: 478145	D2384			**PM: (9) [RULE 405,2-7-1986]**	D323.1
BIN, COKE DEWATERING, 22R-710, 4 CELLS WITH HOPPER, EACH CELL, WIDTH: 40 FT; HEIGHT: 35 FT; LENGTH: 40 FT WITH A/N: 478145 SUMP, EAST, LENGTH: 40 FT, WIDTH: 40 FT, DEPTH: 20 FT	D2385			**PM: (9) [RULE 405,2-7-1986]**	D323.1
SETTLING TANK, BASIN, LAKE, STORM/COKE/WATER, LENGTH: 40 FT, DEPTH 35 FT EACH A/N: 478145	D2386			**PM: (9) [RULE 405,2-7-1986]**	D323.1
CLARIFIER, SETTLING/SEPARATION, 22R-712, COKE FINES/WATER, 2 CELLS, LENGTH: 124 FT, WIDTH: 40FT, DEPTH: 35 FT EACH A/N: 478145	D2388			**PM: (9) [RULE 405,2-7-1986]**	D323.1
LOADING ARM, GANTRY CRANE (SPARE), 22J-25 BULK MATERIAL LOAD/UNLOAD STATION, 22J-25, WITH MAIN DRIVE/TROLLEY, 300 HP, AND BRIDE DRIVE, 50 HP A/N: 478145	D2389			**PM: (9) [RULE 405,2-7-1986]**	A63.3, D323.1

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
CONVEYOR, MAIN, 22J-24, WIND SCREEN, LENGTH: 943 FT 4 IN ,WIDTH: 30 IN, COVERED, 20 HP DRIVE A/N: 478145	D130			**PM: (9) [RULE 405,2-7-1986]**	A63.3, D323.1
LOADING ARM, KRANCO CRANE SYSTEM 22J-29, BULK MATERIAL LOADING/UNLOADING STATION, WITH MAIN DRIVE/TROLLEY, 300 HP, AND BRIDE DRIVE, 50 HP A/N: 478145	D919			**PM: (9) [RULE 405,2-7-1986]**	A63.3, D323.1
System 4 : NORTH DELAYED COKER BLOWDOWN FACILITY					S13.2, S15.1, S15.2
KNOCK OUT POT, 21C-20, HEIGHT: 30 FT 5 IN; DIAMETER: 16 FT A/N: C10330	D137				
ACCUMULATOR, 21C-50, CONDENSATE, HEIGHT: 40 FT; DIAMETER: 10 FT A/N: C10330	D138				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: C10330	D1792			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 5 : SOUTH DELAYED COKER BLOWDOWN FACILITY					S13.2, S15.1, S15.2
ACCUMULATOR, 22C33, CONDENSATE, LENGTH: 40 FT 3 IN; DIAMETER: 10 FT A/N: 241337	D141				

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
DRUM, 22C36, LENGTH: 12 FT; DIAMETER: 4 FT A/N: 241337	D142				
ACCUMULATOR, LOW PRESSURE, 53C-4, LENGTH: 20 FT; DIAMETER: 7 FT A/N: 241337	D143				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 241337	D1793			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : COKER HEATERS					
HEATER, 21F-6, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 1, WITH LOW NOX BURNER, 67 MMBTU/HR WITH A/N: 455091 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGE FUEL GAS, WITH LOW NOX BURNER, 48 TOTAL	D83		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 21F-7, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 2, WITH LOW NOX BURNER, 67 MMBTU/HR WITH A/N: 455092	D84		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGED FUEL GAS, WITH LOW NOX BURNER, 48 TOTAL					
HEATER, 21F-8, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 3, WITH LOW NOX BURNER, 74 MMBTU/HR WITH A/N: 455094 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGED FUEL GAS, PSFFG-10, WITH LOW NOX BURNER, 48 TOTAL	D85		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, SOUTH COKER HEATER NO. 1, 22F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 126 MMBTU/HR WITH A/N: 455098 BURNER, NATURAL GAS, REFINERY GAS, CALLIDUS, MODEL LE-CFSG-5W, WITH 48 VERTICAL ULTRA LO-NOX BURNERS, 48 TOTAL; 126 MMBTU/HR	D120		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
HEATER, SOUTH COKER NO. 2, 22F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 91 MMBTU/HR WITH A/N: 455102 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFFG-30M, WITH LOW NOX BURNER, 32 TOTAL; 91 MMBTU/HR	D917		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, C1.4, D12.3, D90.12, D328.1, E193.16, H23.13
HEATER, SOUTH COKER NO. 3, 22F-3, NATURAL GAS, REFINERY GAS, 91 MMBTU/HR WITH A/N: 455103 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 32 TOTAL; 91 MMBTU/HR	D918		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455103	D2366			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 7 : EAST COKE HANDLING SYSTEM					S1.5, S13.1
STORAGE BUILDING, COKE, WIDTH: 130 FT; HEIGHT: 99 FT 3 IN; LENGTH: 610 FT A/N: 451321	D2291				A63.3, D323.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
PIT, COKE, 22R-710, LENGTH: 185 FT; WIDTH: 40 FT A/N: 451321	D2292				A63.3, D323.1
CRUSHER, BMC, LUMP BREAKER NO.1, COVERED, DOUBLE ROTOR, WIDTH: 54 FT; LENGTH: 48 FT, WITH TWO 50 HP MOTORS A/N: 451321	D2293				A63.3, C1.68, D323.1
CONVEYOR, BELT, LC-1, WIDTH: 3 FT 6 IN; LENGTH: 48 FT, WITH A 7.5 HP MOTOR A/N: 451321	D2294				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 1A & B, WIDTH: 3 FT; LENGTH: 375 FT, WITH A 60 HP MOTOR EACH A/N: 451321	D2295				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 2A & B, WIDTH: 3 FT; LENGTH: 100 FT, WITH A 25 HP MOTOR EACH A/N: 451321	D2296				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 3A & B, WIDTH 3 FT; LENGTH: 250 FT, WITH A 10 HP MOTOR EACH, AND 5 HP SHUTTLE DRIVE EACH A/N: 451321	D2297				A63.3, D323.1
SCREEN, CLASSIFYING, VIBRATING, TWO EACH, S1 & S2, FMC CH2820, WIDTH: 8 FT; LENGTH: 20 FT, WITH A 25 HP MOTOR EACH A/N: 451321	D2298				A63.3, D323.1

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
BUCKET ELEVATOR, CRANE, BUCKET BRIDGE, 22J-25 A/N: 451321	D2331				A63.3, D323.1
CONVEYOR, MAIN, 2E, 20 HP A/N: 451321	D2332				A63.3, D323.1
System 8 : COKE RECLAIM & TRUCK LOADING SYSTEM					S13.1
HOPPER, LOADING, TWO EACH, 1A & B, 2400 CU.FT CAPACITY, WITH A 60 TON SURGE BIN EACH A/N: 452488	D2299				A63.3, D323.1
HOPPER, LOADING, TWO EACH, 2A & B, 600 CU.FT CAPACITY, WITH A 15 TON SURGE BIN EACH A/N: 452488	D2300				A63.3, D323.1
CONVEYOR, BELT, RECLAIM, NO.4, WIDTH: 4 FT 6 IN; LENGTH: 610 FT, WITH 75 HP A/N: 452488	D2301				A63.3, D323.1
CONVEYOR, BELT, NO.5, WIDTH: 4 FT 6 IN; LENGTH: 210 FT, WITH 150 HP MOTOR A/N: 452488	D2302				A63.3, D323.1
CONVEYOR, BELT, NO.6, WIDTH: 4 FT 6 IN; LENGTH: 190 FT, WITH 150 HP MOTOR A/N: 452488	D2303				A63.3, D323.1
HOPPER, LOADING, WIDTH: 9 FT; LENGTH: 15 FT 3 IN; HEIGHT: 10 FT A/N: 452488	D2333				A63.3, D323.1

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
CONVEYOR, BC-1, WIDTH: 4 FT 6 IN; LENGTH: 47 FT 10 IN, WITH 60 HP MOTOR A/N: 452488	D2334				A63.3, D323.1
CONVEYOR, BC-2, WIDTH: 4 FT 6 IN; LENGTH: 54 FT, WITH A 60 HP MOTOR A/N: 452488	D2335				A63.3, D323.1
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 1 : FCCU, Cracking System					S4.1, S13.2, S15.1, S42.2
VESSEL, SURGE, 2C-17, HOT FRESH FEED, LENGTH: 25 FT; DIAMETER: 10 FT A/N: 445076	D155				E336.9
VESSEL, 2C-18, SURGE, COLD FRESH FEED, LENGTH: 25 FT; DIAMETER: 10 FT A/N: 445076	D156				E336.9
REACTOR, 2C-4, WITH INTERNAL REACTOR RISER & 1ST & 2ND STAGE CATALYST SEPARATORS, HEIGHT: 44 FT; DIAMETER: 23 FT 6 IN WITH A/N: 445076 COLUMN, STRIPPER, 2C-5, HC VAPOR/SPENT CATALYST, HEIGHT: 25 FT 6 IN; DIAMETER: 12 FT 6 IN	D1589				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
REGENERATOR, 2C-3, HEIGHT: 45 FT; DIAMETER: 37 FT 2 IN A/N:	D151	C164 C165 C166 C1590 C2314	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 500 PPMV (8) [40CFR 60 Subpart J,6-24-2008] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; HAP: (10) [40CFR 63 Subpart UUU, #2,4-20-2006]** **PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: 1 LB(S)/1000 LBS (8) [40CFR 60 Subpart J,6-24-2008] ; PM: (9) [RULE 404,2-7-1986** **RULE 405,2-7-1986]**	A63.4, D29.3, D82.2, D90.4, H23.17
BLOWER, 2K-1, REGENERATOR AIR, ALLIS CHALMERS, MODEL VA-1310, 220,000 SCFM A/N: 445076	D1636				
TURBINE, EXPANDER, UNFIRED, 2K-1E, REGENERATOR FLUE GAS, 28,950 HP WITH A/N: 445076 GENERATOR, ELECTRIC, 2K-1M, COMMON TO STEAM TURBINE 2K-1T, 7500 KW	D2305				
TURBINE, STEAM, UNFIRED, 2K-1T, REGENERATOR FLUE GAS, 13,000 HP WITH A/N: 445076	D2307				

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(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
GENERATOR, ELECTRIC, 2K-1M, COMMON TO EXPANDER/TURBINE 2K-1E, 7500 KW					
BOILER, WASTE HEAT, UNFIRED, 2F-7 A/N: 445076	D1511				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-101, JOY 1, CENTRIFUGAL, 800 HP A/N: 445076	D2309				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-102, JOY 2, CENTRIFUGAL, 1,000 HP A/N: 445076	D2310				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-103, JOY 3, CENTRIFUGAL, 575 HP A/N: 445076	D2311				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-104, JOY 4, CENTRIFUGAL, 1,250 HP A/N: 445076	D2312				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-105/106, JOY 5 & 6, CENTRIFUGAL, 2 TOTAL, 1,500 HP EACH A/N: 445076	D2313				

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
STACK, 2F-7, WITH 2 EMERGENCY BYPASS STACKS (2F-3 EAST & WEST), LOCATED DOWNSTREAM OF ESP & UPSTREAM OF SCR, HEIGHT: 89 FT; DIAMETER: 11 FT 4 IN A/N:	S1739	C166			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 445076	D1800			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 2 : FCCU AIR POLLUTION CONTROL SYSTEM					
CYCLONE, 2C-25, 3RD STAGE SEPARATOR, CATALYST DUST, HEIGHT: 57 FT; DIAMETER: 26 FT A/N: 428467	C1590	D151 D2404			
CYCLONE, 2C-26-CY, 4TH STAGE SEPARATOR, CATALYST DUST, HEIGHT: 3 FT 3 IN; DIAMETER: 1 FT 9 IN WITH A/N: 428467 HOPPER, 2C-26, CATALYST DUST, DIA: 8 FT, H: 12 FT	C2314	D151			D323.1, E102.2, K67.16
BOILER, 2F-3, CARBON MONOXIDE WASTE HEAT, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 464 MMBTU/HR WITH A/N:	C164	D151 C165 C166	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 11 LBS/HR (5B) [RULE 476,10-8-1976] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: 0.01 GRAINS/SCF (5A) [RULE 476,10-8-1976]	B61.3, D82.2, D90.12, E193.16, H23.13

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
BURNER, NATURAL GAS, REFINERY GAS, PEABODY, MODEL MT-28, FOUR LO-NOX, WITH LOW NOX BURNER, 464 MMBTU/HR UREA INJECTION SYSTEM, NOXOUT PROCESS					
ELECTROSTATIC PRECIPITATOR, 2D-1, TWO STAGE, 42 FT L. X 60 FT - 5.5 IN W. X 49 FT - 4 IN H., 300 KVA WITH A/N: AMMONIA INJECTION	C166	D151 C164 S1739			C12.1, E102.2
ELECTROSTATIC PRECIPITATOR, 2D-2, TWO STAGE, 18 FT L. X 37 FT - 6 IN W. X 30 FT H., 140 KVA WITH A/N: AMMONIA INJECTION	C165	D151 C164			C12.1, E102.2
System 3 : CATALYST/SPENT CATALYST HANDLING AND STORAGE					
STORAGE SILO, 2C-1, FRESH CATALYST (BASE), GRACE DAVISON, HEIGHT: 37 FT 6 IN; DIAMETER: 15 FT A/N: 431353	D167	C2317		**PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]**	D323.1, E71.11

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
STORAGE SILO, 2C-XADDITIVES, FRESH CATALYST (ADDITIVES), GRACE DAVISON ZSM5, WIDTH: 5 FT; HEIGHT: 8 FT; LENGTH: 5 FT A/N: 409307	D2316	C2317		**PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]**	D323.1, E71.11, K171.14
STORAGE SILO, 2C-2, SPENT CATALYST, HEIGHT: 57 FT; DIAMETER: 23 FT A/N: 459720	D168	C2317		**PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]**	D323.1, E71.11
SUMP, HOT WELL, WATER SCRUBBER, 02R-700, CATALYST DUST, COVERED, WIDTH: 6 FT; DEPTH: 6 FT; LENGTH: 6 FT WITH A/N: 458741 EJECTOR, 2H-1, STEAM, SERVES SILOS 2C-1 & 2C-2 EJECTOR, 2J-XADDITIVES, STEAM, SERVES SILO 2C-XADDITIVES	C2317	D167 D168 D2316			D323.1, K171.14
System 4 : FCCU HEATERS					
HEATER, 2F-1, REGENERATOR STARTUP/AIR HEATER, NATURAL GAS, REFINERY GAS, 132 MMBTU/HR A/N: 431576	D2320		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
HEATER, FCCU CHARGE OR FRACTIONATION COLUMN CHARGE, 2F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 108 MMBTU/HR WITH A/N: 455106 BURNER, NATURAL GAS, REFINERY GAS, EIGHT ULTRA, WITH LOW NOX BURNER, 108 MMBTU/HR	D920		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, C1.1, D90.12, D328.1, E193.16, H23.13, K171.15
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455106	D2367			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 5 : FCCU, Fractionation System					S4.1, S13.2, S15.1, S15.2, S15.11
FRACTIONATOR, MAIN COLUMN, 2C-6, HEIGHT: 108 FT; DIAMETER: 21 FT A/N: 449657	D152				
VESSEL, RECEIVER, MAIN COLUMN OVERHEAD, 2C-7, LENGTH: 33 FT; DIAMETER: 11 FT A/N: 449657	D153				
COLUMN, STRIPPER, 2C-8, LIGHT CYCLE OIL, LENGTH: 21 FT; DIAMETER: 6 FT 6 IN A/N: 449657	D154				

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
KNOCK OUT POT, 2C-22, MAIN COLUMN BOTTOMS, PARTICLES/FINES KNOCKOUT, HEIGHT: 3 FT 5 IN; DIAMETER: 1 FT 4 IN A/N: 449657	D2321				K171.16
SETTLING TANK, 2C-9, SLURRY, HEIGHT: 24 FT; DIAMETER: 12 FT A/N: 449657	D163				
ACCUMULATOR, 2C-11, HIGH PRESSURE HYDRAULIC, HEIGHT: 10 FT 6 IN; DIAMETER: 4 FT A/N: 449657	D2322				
VESSEL, 2C-12, HYDRAULIC SYSTEM RECEIVER, HEIGHT: 10 FT 6 IN; DIAMETER: 4 FT A/N: 449657	D2323				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 449657	D1740			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : NH3 (Liquefied Anhydrous) Storage & Vaporization					
STORAGE TANK, PRESSURIZED, 75C-118, ANHYDROUS AMMONIA, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT 3 IN WITH A/N: 458746 EVAPORATOR, AMMONIA, 75E-124A, ELECTRIC HEATED	D2324				K67.13

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
STORAGE TANK, PRESSURIZED, 75C-35, ANHYDROUS AMMONIA, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT 3 IN WITH A/N: 459719 EVAPORATOR, AMMONIA, 75E-124B, ELECTRIC HEATED	D2325				K67.13
System 7 : Fuel Gas Filter Separator					S13.2, S15.1
FILTER, SEPARATOR, 2J-6, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF REMOVED LIQUID, SERVES HEATER 2F-2 A/N: 428465	D2328				K171.17
FILTER, SEPARATOR, 2J-7, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF REMOVED LIQUID, SERVES CO BOILER 2F-3 A/N: 428465	D2329				K171.17
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 428465	D2330			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
System 1 : FCCU FEED (GAS OIL) HYDRODESULFURIZATION UNIT					S4.1, S13.2, S15.1, S15.2, S15.9, S31.2
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1A A/N:	D169				
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1B A/N:	D170				
TURBINE, RICH DEA POWER RECOVERY, UNFIRED, 25J-02, SERVING 25G-5A A/N:	D171				
ABSORBER, HIGH PRESSURE AMINE, 25C-10, HEIGHT: 77 FT 6 IN; DIAMETER: 8 FT A/N:	D172				
COLUMN, STRIPPER, PRODUCT, 25C-11, HEIGHT: 66 FT; DIAMETER: 13 FT A/N:	D173				
ABSORBER, LOW PRESSURE AMINE, 25C-13, HEIGHT: 57 FT; DIAMETER: 3 FT A/N:	D174				
FRACTIONATOR, 25C-15, HEIGHT: 116 FT; DIAMETER: 14 FT 6 IN A/N:	D175				

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Process 4 : HYDROTREATING PROCESS					P13.1
COLUMN, STRIPPER/DRYER, 25C-17, KEROSENE, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N:	D176	D232 D234		**HAP: (10) [40CFR 63 Subpart CC, #1,6-23-2003]**	E336.13
COLUMN, STRIPPER, 25C-18, LIGHT GAS OIL, HEIGHT: 35 FT; DIAMETER: 5 FT 6 IN A/N:	D177				
VESSEL, VACUUM DRYER, 25C-27, LIGHT GAS OIL, HEIGHT: 32 FT; DIAMETER: 5 FT A/N:	D178	D232 D234		**HAP: (10) [40CFR 63 Subpart CC, #1,6-23-2003]**	E336.13
TANK, SURGE, 25C-04, COLD FEED A/N:	D188				
VESSEL, SURGE, 25C-05, HOT FEED A/N:	D189				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7A A/N:	D190				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7B A/N:	D191				
VESSEL, SEPARATOR, LOW TEMPERATURE, 25C-8, LENGTH: 38 FT; DIAMETER: 11 FT A/N:	D192				
KNOCK OUT POT, 25C-9, RECYCLE GAS, LENGTH: 14 FT; DIAMETER: 7 FT A/N:	D193				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
ACCUMULATOR, 25C-12, STRIPPER OVERHEAD, LENGTH: 27 FT; DIAMETER: 6 FT 6 IN A/N:	D194				
ACCUMULATOR, 25V-16, FRACTIONATOR OVERHEAD, LENGTH: 25 FT; DIAMETER: 8 FT A/N:	D196				
TANK, SURGE, 25C-19, CONDENSATE, HEIGHT: 14 FT; DIAMETER: 4 FT A/N:	D197				
TANK, SURGE, 25C-20, DEA, HEIGHT: 22 FT; DIAMETER: 6 FT A/N:	D198				
VESSEL, 25C-24, DIMETHYLDISULFIDE, HEIGHT: 16 FT; DIAMETER: 4 FT A/N:	D200				
KNOCK OUT POT, 25C-26, OFFGAS, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT A/N:	D201				
KNOCK OUT POT, VACUUM, 25C-28, LENGTH: 11 FT; DIAMETER: 2 FT A/N:	D202				
KNOCK OUT POT, 25C-50, FUME GAS A/N:	D206				
COMPRESSOR, 25K-1A/1B/1C, MAKEUP HYDROGEN, 6000-HP EACH, 3 TOTAL A/N:	D221				

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Process 4 : HYDROTREATING PROCESS					P13.1
COMPRESSOR, 25K-2, RECYCLE HYDROGEN A/N:	D224				
COMPRESSOR, 25K-3A/3B, STRIPPER OFFGAS, 300-HP EACH, 2 TOTAL A/N:	D225				
REACTOR, HYDROTREATER GUARD, 25C-40A, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N:	D227				
REACTOR, HYDROTREATER GUARD, 25C-40B, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N:	D228				
REACTOR, HYDROTREATER MAIN, 25C-41A, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N:	D229				
REACTOR, HYDROTREATER MAIN, 25C-41B, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N:	D230				
VESSEL, SEPARATOR, 25-C-08, LOW-TEMPERATURE, HEIGHT: 38 FT; DIAMETER: 10 FT 1 IN A/N:	D1256				
FILTER, 25-J-06 A/B, FUEL GAS, 2 TOTAL A/N:	D1260				

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Process 4 : HYDROTREATING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1803			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : FCCU FEED HYDRODESULFURIZATION UNIT HEATING SYSTEM					
HEATER, FRACTIONATOR CHARGE, 25F-2A, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455113 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D231	C233	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, FCC FEED HDT REACTOR CHARGE, 25F-1A, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455109 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D232	D176 D178 C233	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13

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(5)(5A)(5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH HITACHI ZOSEN HONEYCOMB TYPE CATALYST WITH A/N: 410333 AMMONIA INJECTION	C233	D231 D232 S1010		**NH3:** 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	D12.2, D12.8, D28.11, D28.20, E71.9, K67.11
HEATER, FCC FEED HDT REACTOR CHARGE, 25F-1B, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455111 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D234	D176 D178 C236	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 25F-2B, NATURAL GAS, REFINERY GAS, FRACTIONATOR CHARGE, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455116 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D235	C236	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH HALDOR TOPSOE HONEYCOMB TYPE CATALYST WITH A/N: 386583 AMMONIA INJECTION	C236	D234 D235 S1010		**NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]**	D12.2, D12.8, D28.11, D28.20, E71.9, H23.30
STACK, COMMON TO 4 HEATERS 25F-1A/2A & 1B/2B A/N: 386583	S1010	C233 C236			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455113	D1805			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : REFORMER FEED (NAPHTHA) HYDROTREATER					S13.2, S15.1, S15.2, S15.12, S31.2
COLUMN, STRIPPER, 20C-1, HEIGHT: 108 FT 7 IN; DIAMETER: 7 FT 6 IN A/N:	D302				
COLUMN, DEHEXANIZER, 20C-3, HEIGHT: 85 FT 6 IN; DIAMETER: 11 FT A/N:	D303				
ACCUMULATOR, 20C-11, STABILIZER OVERHEAD, LENGTH: 20 FT; DIAMETER: 7 FT 6 IN A/N:	D304				

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(4) Denotes BACT emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-2, LENGTH: 27 FT; DIAMETER: 6 FT A/N:	D305				
VESSEL, SEPARATOR, LOW PRESSURE, 20C-18, LENGTH: 24 FT; DIAMETER: 6 FT A/N:	D306				
KNOCK OUT POT, 20C-30, LIQUID, LENGTH: 9 FT; DIAMETER: 5 FT 6 IN A/N:	D307				
ACCUMULATOR, 20C-31, STRIPPER OVERHEAD, LENGTH: 12 FT; DIAMETER: 5 FT A/N:	D308				
TANK, 20C-36, STRAIGHT RUN NAPHTHA CHARGE, LENGTH: 20 FT; DIAMETER: 7 FT A/N:	D309				
REACTOR, NO. 4, PRE-TREATER, 20C-26, HEIGHT: 29 FT; DIAMETER: 6 FT A/N:	D312				
REACTOR, NO. 5, PRE-TREATER, 20C-27, HEIGHT: 25 FT; DIAMETER: 6 FT A/N:	D313				
REACTOR, NO. 6, PRE-TREATER, 20C-28, DIAMETER: 14 FT A/N:	D314				

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Process 4 : HYDROTREATING PROCESS					P13.1
TANK, SURGE, 20C-63, NAPHTHA, HEIGHT: 21 FT; DIAMETER: 7 FT 6 IN A/N:	D1202				E204.1, E204.3
POT, REBOILER CONDENSATE POT, 20C-112, HEIGHT: 3 FT; DIAMETER: 2 FT 2 IN A/N: 280600	D1204				E204.1, E204.3
COMPRESSOR, 20K-3A, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP A/N:	D329				
COMPRESSOR, 20K-3B, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP A/N:	D330				
COMPRESSOR, 20K-3C, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 400-HP A/N:	D331				
COMPRESSOR, 20K-3D, RECYCLE GAS, 400-HP A/N:	D1244				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1810			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
System 4 : REFORMER FEED HYDROTREATER HEATING SYSTEM					
HEATER, PRETREATER REACTOR CHARGE SECTION & STRIPPER REBOILER SECTION, 20F-1A/B, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 94 MMBTU/HR WITH A/N: 225033 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFC-18M, 12 TOTAL; 94 MMBTU/HR	D269		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	D328.1, E193.16, H23.13
HEATER, HOT OIL CIRCULATION, 20F-4, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 79 MMBTU/HR WITH A/N: 455131 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 8 TOTAL; 79 MMBTU/HR	D270		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455131	D2368			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
System 5 : PRODUCT (Jet Fuel/Diesel/Other) HYDRODESULFURIZATION UNIT					S13.2, S15.1, S15.2, S15.10
TANK, HOLDING, 6C-1, FEED SURGE, LENGTH: 30 FT; DIAMETER: 12 FT A/N:	D557				
COLUMN, FEED STRIPPER, 6C-2, HEIGHT: 50 FT 3 IN; DIAMETER: 8 FT A/N:	D558				
ABSORBER, AMINE, 6C-3, HEIGHT: 69 FT; DIAMETER: 4 FT A/N:	D559				
VESSEL, RECYCLE COMPRESSOR SUCTION, 6C-4, HEIGHT: 8 FT; DIAMETER: 3 FT A/N:	D560				
REACTOR, 6C-5, HEIGHT: 32 FT 9 IN; DIAMETER: 11 FT A/N:	D561				
TANK, FLASH, 6C-6, COLD, LENGTH: 20 FT; DIAMETER: 5 FT A/N:	D562				
VESSEL, FLASH, 6C-7, HOT, HEIGHT: 16 FT; DIAMETER: 6 FT A/N:	D563				
COLUMN, PRODUCT STRIPPER, 6C-8, HEIGHT: 72 FT 2 IN; DIAMETER: 11 FT 6 IN A/N:	D564				

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
ACCUMULATOR, 6C-9, PRODUCT STRIPPER OVERHEAD, LENGTH: 16 FT; DIAMETER: 5 FT A/N:	D565				
VESSEL, FLASH, 6C-11, FOUL WATER, HEIGHT: 6 FT; DIAMETER: 2 FT 6 IN A/N:	D567				
VESSEL, BOOSTER COMPRESSOR SUCTION, 6C-12, HEIGHT: 8 FT; DIAMETER: 3 FT A/N:	D568				
VESSEL, LOW PRESSURE GAS COMPRESSOR 2ND INTERSTAGE, 6C-13, HEIGHT: 8 FT; DIAMETER: 3 FT A/N: 335050	D569				
VESSEL, LOW PRESSURE GAS COMPRESSOR 1ST INTERSTAGE, 6C-14, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N:	D570				
TOWER, 6C-25/26/27, CLAY TREATER, 3 TOTAL, HEIGHT: 20 FT; DIAMETER: 10 FT A/N:	D571				
COMPRESSOR, RECYCLE, 6K-1, RECIPROCATING TYPE WITH PACKED GLAND, 400 HP MOTOR A/N:	D572				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
COMPRESSOR, 6K-2, LOW PRESSURE GAS, RECIPROCATING TYPE WITH PACKED GLAND, 600 HP MOTOR A/N:	D574				H23.34
COMPRESSOR, BOOSTER, 6K-3A, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR A/N:	D575				
COMPRESSOR, 6K-3B, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR, SPARE A/N:	D576				
FILTER, 6J-14A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N:	D1741				
FILTER, 6J-15A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N:	D1742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1834			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
System 6 : PRODUCT HYDRODESULFURIZATION UNIT HEATING SYSTEM					
HEATER, CHD REACTOR CHARGE, 6F-1, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PFNDR-30M, WITH LOW NOX BURNER, 39.6 MMBTU/HR WITH A/N: 455118 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PFNDR-30M, TWELVE, WITH LOW NOX BURNER, 12 TOTAL; 39.6 MMBTU/HR	D949		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO: 400 PPMV (5A) [RULE 1146,11-17-2000;*RULE 1146.9-5-2008*] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV (3) [RULE 2012,5-6-2005]** **PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, CHD STRIPPER REBOILER, 6F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 64 MMBTU/HR WITH A/N: 455120 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 16 TOTAL	D950		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, C1.5, D90.12, D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455120	D2369			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
System 7 : ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 25C-23A, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 4 FT 8 IN A/N: 468904	D2339				E71.12, K67.13
STORAGE TANK, PRESSURIZED, 25C-23B, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 4 FT 8 IN A/N: 468905	D2340				E71.12, K67.13
Process 5 : CATALYTIC REFORMING UNIT					P13.1
System 1 : PLATINUM REFORMER NO. 1					S4.1, S13.2, S15.1, S15.2, S15.13
COLUMN, STABILIZER, 20C-4, HEIGHT: 114 FT; DIAMETER: 7 FT A/N: 280604	D237				
ACCUMULATOR, 20C-5, STABILIZER OVERHEAD, HEIGHT: 15 FT; DIAMETER: 6 FT A/N: 280604	D238				
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-10, HEIGHT: 20 FT; DIAMETER: 10 FT A/N: 280604	D239				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING UNIT					P13.1
VESSEL, SEPARATOR, LOW PRESSURE, 20C-15, HEIGHT: 20 FT; DIAMETER: 6 FT 6 IN A/N: 280604	D240				
REACTOR, NO.1, 20C-23, DIAMETER: 14 FT 2 IN A/N: 280604	D241			**HAP: (10) [40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO.2, 20C-24, DIAMETER: 14 FT 2 IN A/N: 280604	D242			**HAP: (10) [40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO. 3, 20C-25, DIAMETER: 14 FT 2 IN A/N: 280604	D243			**HAP: (10) [40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO. 7, 20C-29, DIAMETER: 14 FT 2 IN A/N: 280604	D244			**HAP: (10) [40CFR 63 Subpart UUU, #1,4-20-2006]**	
POT, 20C-33, AUXILIARY SEAL OIL, HEIGHT: 11 FT 3 IN; DIAMETER: 4 FT A/N: 280600	D245				
POT, 20C-34, CONTAMINATED SEAL OIL, HEIGHT: 3 FT; DIAMETER: 1 FT 8 IN A/N: 280604	D246				
POT, 20C-35, CONTAMINATED SEAL OIL, HEIGHT: 3 FT; DIAMETER: 1 FT 8 IN A/N: 280604	D247				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING UNIT					P13.1
COMPRESSOR, 20K-1, RECYCLE GAS, WITH OIL SEAL, STEAM TURBINE DRIVE A/N: 280604	D248				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280604	D1808			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 2 : PLATINUM REFORMER NO. 2					S4.1, S13.2, S15.1, S15.2, S15.13
REACTOR, STAGE 1, 19C-1, DIAMETER: 12 FT A/N: 410629	D271			**HAP:** (10) [40CFR 63 Subpart UUU, #1,4-20-2006]	
REACTOR, STAGE 2, 19C-2, DIAMETER: 12 FT A/N: 410629	D272			**HAP:** (10) [40CFR 63 Subpart UUU, #1,4-20-2006]	
REACTOR, STAGE 3, 19C-3, DIAMETER: 15 FT A/N: 410629	D273			**HAP:** (10) [40CFR 63 Subpart UUU, #1,4-20-2006]	
REACTOR, STAGE 4, 19C-4, DIAMETER: 15 FT A/N: 410629	D274			**HAP:** (10) [40CFR 63 Subpart UUU, #1,4-20-2006]	
TANK, REFORMER FEED SURGE, 19C-5, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 410629	D275				
VESSEL, SEPARATOR, HIGH PRESSURE, 19C-6, HEIGHT: 20 FT; DIAMETER: 10 FT A/N: 410629	D276				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING UNIT					P13.1
ACCUMULATOR, 19C-7, DEBUTANIZER OVERHEAD, HEIGHT: 20 FT; DIAMETER: 10 FT A/N: 410629	D277				
COLUMN, DEBUTANIZER, 19C-11, HEIGHT: 81 FT; DIAMETER: 7 FT A/N: 410629	D278				
COMPRESSOR, 19K-1, HYDROGEN RECYCLE GAS, ELLIOTT, MODEL 2MB4-3, CENTRIFUGAL TYPE, 350 HP STEAM TURBINE DRIVEN A/N: 410629	D300				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410629	D1809			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 4 : PLATFORMER NO. 1 HEATING SYSTEM					
HEATER, NO. 1 REFORMER REACTOR CHARGE, NON-OPERATED, 20F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 220 MMBTU/HR WITH A/N: 372270 BURNER, NATURAL GAS, REFINERY GAS, MODEL JOHN ZINK, WITH LOW NOX BURNER, 50 TOTAL; 220 MMBTU/HR	D922	C923	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	D328.1, E193.16, E313.1, E315.1, H23.13

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING UNIT					P13.1
SELECTIVE CATALYTIC REDUCTION, FOSTER WHEELER, FIXED BED,, CERAMIC HONEYCOMB CATALYST, 169.8 CU.FT.; WIDTH: 8 FT 6 IN; HEIGHT: 14 FT; LENGTH: 15 FT 2 IN A/N: 258217	C923	D922		**NH3:** 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	D12.2, D12.8, D28.12, E71.7
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 372270	D2370			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 5 : PLATFORMER NO. 2 HEATING SYSTEM					
HEATER, PLATINUM REFORMER NO. 2 REACTOR CHARGE, 19F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 288 MMBTU/HR WITH A/N: 278853 BURNER, FIFTY-TWO LO-NOX, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 50 TOTAL; 288 MMBTU/HR	D924	C301	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** (9) [RULE 404,2-7-1986]	D328.1, E193.16, H23.13
SELECTIVE CATALYTIC REDUCTION, FOSTER WHEELER, FIXED BED, LENGTH 15 FT 6 IN, WIDTH 15 FT 2 IN, HEIGHT 14 FT, CERAMIC HONEYCOMB CATALYST, 266.6 CU FT A/N: 258220	C301	D924		**NH3:** 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	D12.2, D12.8, D28.11, E71.7
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 278853	D2371			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING UNIT					P13.1
System 6 : NH3 (LIQUID ANHYDROUS) STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 20C-120, ANHYDROUS AMMONIA, WITH PRV VENTED TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT WITH A/N: 466228 EVAPORATOR, AMMONIA, 20E-33, ELECTRIC HEATER	D2348				
Process 6 : HYDROGEN PRODUCTION UNITS					
System 1 : HYDROGEN PLANT NO. 1					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2
KNOCK OUT POT, 4C-1, SOUR GAS, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 281309	D344				
VESSEL, HYDROTREATER, 4C-2, HEIGHT: 16 FT; DIAMETER: 9 FT 6 IN A/N: 281309	D345				
VESSEL, 4C-3, ZINC OXIDE GUARD, HEIGHT: 14 FT 10 IN; DIAMETER: 6 FT 6 IN A/N: 281309	D346				
COLUMN, METHANATOR, 4C-11, LENGTH: 14 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 281309	D348				

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
COLUMN, LOW TEMPERATURE METHANE SHIFT CONVERTER, 4C-13, HEIGHT: 15 FT 2 IN; DIAMETER: 12 FT 6 IN A/N: 281309	D349				
ABSORBER, MEA, 4C-15, HEIGHT: 75 FT; DIAMETER: 10 FT 6 IN A/N: 281309	D350				
FILTER, 4C-23, FUEL GAS, HEIGHT: 10 FT 10 IN; DIAMETER: 1 FT 6 IN A/N: 281309	D351				
VESSEL, SEPARATOR, 4C-24, OIL, HEIGHT: 4 FT 8 IN; DIAMETER: 1 FT 6 IN A/N: 281309	D352				
COMPRESSOR, 4K-1, FEED GAS A/N: 281309	D355				H23.34
COMPRESSOR, 4K-1A, FEED GAS A/N: 281309	D356				H23.34
SCRUBBER, CAUSTIC, 4C-6, HEIGHT: 79 FT; DIAMETER: 3 FT 6 IN A/N: 281309	D357				
TANK, SURGE, 4C-26, CAUSTIC, LENGTH: 13 FT; DIAMETER: 6 FT A/N: 281309	D358				
REGENERATOR, 4C-14, MEA, HEIGHT: 71 FT; DIAMETER: 14 FT A/N: 281309	D360				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
ABSORBER, 4C-16, MEA, HEIGHT: 75 FT; DIAMETER: 10 FT 6 IN A/N: 281309	D1264				
ACCUMULATOR, 4C-18, REGENERATOR OVERHEAD, MEA, HEIGHT: 12 FT; DIAMETER: 5 FT A/N: 281309	D1265				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 281309	D1815			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : HYDROGEN PLANT NO. 2					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2, S31.2
KNOCK OUT POT, 24C-2, FEED GAS, LENGTH: 9 FT 6 IN; DIAMETER: 4 FT 6 IN A/N:	D385				
COMPRESSOR, 24K-4A, FEED GAS, 2 TOTAL, 4500-HP EACH A/N:	D390				H23.34
REACTOR, ZINC OXIDE, LENGTH: 19 FT 6 IN; DIAMETER: 10 FT A/N:	D369				
REACTOR, HIGH TEMPERATURE SHIFT, 24C-14, HEIGHT: 34 FT; DIAMETER: 12 FT 6 IN A/N:	D371				
REACTOR, LTS REACTOR, 24C-50, HEIGHT: 21 FT; DIAMETER: 13 FT A/N:	D1203				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
KNOCK OUT POT, 24C-4, NO. 1 HTS EFFLUENT, LENGTH: 9 FT; DIAMETER: 10 FT A/N:	D386				
KNOCK OUT POT, 24C-25, NO. 2 HTS EFFLUENT, LENGTH: 11 FT; DIAMETER: 7 FT A/N:	D387				
ABSORBER, PRESSURE SWING, 24C-15 TO 24C-26, 12 TOTAL, HEIGHT: 34 FT; DIAMETER: 12 FT 6 IN A/N:	D372				
FILTER, 24J-5A, PRODUCT GAS, 2 TOTAL A/N:	D392				
REACTOR, HDS, 24C-11, LENGTH: 20 FT 6 IN; DIAMETER: 9 FT A/N: 280605	D368				
REACTOR, 24C-13, ZINC OXIDE, HEIGHT: 19 FT 6 IN; DIAMETER: 10 FT A/N: 280605	D370				
FILTER, 24-J-13, FUEL GAS A/N: 280605	D1266				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280605	D1936			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
System 3 : HYDROGEN PRODUCTION UNITS HEATERS					
HEATER, HYDROGEN PLANT REFORMING, 4F-1, NATURAL GAS, REFINERY GAS, WITH ZEECO BURNER MODEL GLSFO10, 527 MMBTU/HR WITH A/N: 455133 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL G0-33-40, WITH LOW NOX BURNER, 136 TOTAL; 527 MMBTU/HR	D367	S1971 S2021	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, E193.16, H23.13
STACK, EAST A/N: 455133	S1971	D367			
STACK, WEST A/N: 455133	S2021	D367			
HEATER, HYDROGEN REFORMING, 24F-1, WASTE HEAT (GAS TURBINE 24J-01 (DEVICE D926) EXHAUST), NATURAL GAS, PSA GAS, REFINERY GAS, 931 MMBTU/HR WITH A/N: 440468	D925	C395 D926	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 88.54 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 42 LBS/HR (7) [RULE 2005,5-6-2005] NOX: 9 PPMV AT 15 MINS. (4) [RULE 2005,5-6-2005] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	A195.1, B61.1, B61.3, C1.12, D28.22, D28.23, D82.1, D182.3, D182.4, E193.16, H23.33, K171.5

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
BURNER, NATURAL GAS, PSA GAS, REFINERY GAS, WITH LOW NOX BURNER, 108 TOTAL; 931 MMBTU/HR				**PM10:** 24.94 LBS/HR (7) **[RULE 1303(b)(2)-Offset,5-10-1996]** ; **ROG:** 62.35 LBS/HR (7) **[RULE 1303(b)(2)-Offset,5-10-1996]** **SO2:** 20 PPMV (8) **[40CFR 60 Subpart J,6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** ; **SOX:** 17.03 LBS/HR (7) **[RULE 2005,5-6-2005]**	
STACK, COMMON TO GAS TURBINE 24J-01 & HEATER 24F-1 A/N: 440468	S1732	C395			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 440468	D1807			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 4 : SCR System serving H2 production plant #2 unit heater					
SELECTIVE CATALYTIC REDUCTION, WITH FIXED BED REACTOR AND HONEYCOMB TYPE CATALYST WITH A/N: 301858 AMMONIA INJECTION	C395	D925 S1732		**NH3:** 20 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]**	D12.2, D12.8, D28.11, E71.7

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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EXXONMOBIL OIL CORPORATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
System 5 : NH3 (Liquidfied anhydrous) storage & vaporization					
STORAGE TANK, PRESSURIZED, 24C-27, ANHYDROUS AMMONIA, WITH A VAPOR BALANCE SYSTEM, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT WITH A/N: 440469 EVAPORATOR, AMMONIA, 24E-27, ELECTRIC HEATED	D2232				E144.1, K67.13
Process 7 : HYDROCRACKING UNIT					P13.1
System 1 : HYDROCRACKING UNIT					S4.1, S13.2, S15.1, S15.2, S15.13
TANK, 3C-1, FIRST STAGE FEED, HEIGHT: 30 FT; DIAMETER: 13 FT A/N: 376640	D396				
VESSEL, SEPARATOR, FIRST STAGE HIGH PRESSURE, 3C-3, HEIGHT: 24 FT; DIAMETER: 7 FT A/N: 376640	D397				
VESSEL, SEPARATOR, SECOND STAGE HIGH PRESSURE, 3C-5, HEIGHT: 27 FT; DIAMETER: 7 FT A/N: 376640	D398				
TANK, 3C-6, HEIGHT: 18 FT; DIAMETER: 5 FT A/N: 376640	D399				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
VESSEL, SEPARATOR, LOW PRESSURE, 3C-7, HEIGHT: 44 FT; DIAMETER: 13 FT A/N: 376640	D400				
COLUMN, STABILIZER, 3C-8, HEIGHT: 115 FT 3 IN; DIAMETER: 14 FT 6 IN A/N: 376640	D401				
ACCUMULATOR, 3C-9, STABILIZER OVERHEAD, HEIGHT: 20 FT; DIAMETER: 8 FT A/N: 376640	D402				
ACCUMULATOR, 3C-12, RECYCLE SPLITTER OVERHEAD, LENGTH: 36 FT; DIAMETER: 9 FT A/N: 376640	D403				
VESSEL, DEGASSER, 3C-13, HEIGHT: 12 FT; DIAMETER: 4 FT A/N: 376640	D404				
KNOCK OUT POT, 3C-23, REGENERATOR GAS, HEIGHT: 8 FT; DIAMETER: 2 FT A/N: 376640	D411				
TANK, ABSORBENT, 3C-25, HEIGHT: 10 FT; DIAMETER: 2 FT 6 IN A/N: 376640	D412				
TANK, ABSORBENT, 3C-24, HEIGHT: 10 FT; DIAMETER: 2 FT 6 IN A/N: 376640	D413				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
REACTOR, FIRST STAGE, 3C-2A, HEIGHT: 76 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 376640	D425				
REACTOR, FIRST STAGE, 3C-2B, HEIGHT: 76 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 376640	D426				
COMPRESSOR, 3K-3, FIRST STAGE HYDROGEN RECYCLE, CENTRIFUGAL, 2500 HP, ELECTRIC MOTOR DRIVE A/N: 376640	D1915				
REACTOR, SECOND STAGE, 3C-4A, HEIGHT: 85 FT; DIAMETER: 9 FT 6 IN A/N: 376640	D427				
REACTOR, SECOND STAGE, 3C-4B, HEIGHT: 85 FT; DIAMETER: 9 FT 6 IN A/N: 376640	D428				
COMPRESSOR, 3K-2C, OIL SEALS, 5000 HP, ELECTRIC MOTOR DRIVE A/N: 376640	D437				
VESSEL, 3C-26, STEAM, HEIGHT: 8 FT; DIAMETER: 3 FT 6 IN A/N: 376640	D1269				
COMPRESSOR, 3K-1A, FIRST AND SECOND STAGE HYDROGEN MAKEUP, FOR 3K-2C A/N: 376640	D1276				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
COMPRESSOR, 3K-2A, OIL, 5,000 HP MOTOR DRIVE A/N: 376640	D1277				
COMPRESSOR, 3K-1B, FIRST AND SECOND STAGE HYDROGEN MAKEUP A/N: 376640	D1278				
COMPRESSOR, 3K-2B, 5,000 HP MOTOR DRIVE AND RELIEF TO LP AND HP FLARE SYSTEM A/N: 376640	D1279				
COMPRESSOR, 3K-1C, FIRST AND SECOND STAGE HYDROGEN MAKEUP A/N: 376640	D1280				
ACCUMULATOR, 3C-12A, RECYCLE SPLITTER OVERHEAD, DIAMETER: 15 FT; LENGTH: 28 FT. A/N: 376640	D1552				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 376640	D1819			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : HYDROCRACKING UNIT HEATERS					
HEATER, 3F-1A, HYDROCRACKING UNIT FIRST STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 17.2 MMBTU/HR WITH A/N: 455136	D927	S1972	NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO:** 400 PPMV (5A) **[RULE 1146,11-17-2000;*RULE 1146,9-5-2008*]** ; **CO:** 2000 PPMV (5) **[RULE 407,4-2-1982]** ; **NOX:** 40 PPMV (3) **[RULE 2012,5-6-2005]**	B61.3, D90.12, D328.1, E193.16, H23.13

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS. WITH LOW NOX BURNER, 3 TOTAL; 17.2 MMBTU/HR				PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	
HEATER, 3F-1B, HYDROCRACKING UNIT FIRST STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 17.2 MMBTU/HR WITH A/N: 455137 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, STAGED COMBUSTION, 17.2 MMBTU/HR	D928	S1972	NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5A) [RULE 1146,11-17-2000;*RULE 1146,9-5-2008*] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, H23.13

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
HEATER, 3F-2A, HYDROCRACKING UNIT SECOND STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 21.1 MMBTU/HR WITH A/N: 455141 BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS, WITH LOW NOX BURNER, 21.1 MMBTU/HR	D929	S1972	NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO: 400 PPMV (5A) [RULE 1146,11-17-2000;*RULE 1146.9-5-2008*] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV (3) [RULE 2012,5-6-2005]** **PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 3F-2B, HYDROCRACKING UNIT SECOND STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 21.1 MMBTU/HR WITH A/N: 455146	D1403	S1972	NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO: 400 PPMV (5A) [RULE 1146,11-17-2000;*RULE 1146.9-5-2008*] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV (3) [RULE 2012,5-6-2005]** **PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	B61.3, D90.12, D328.1, E193.16, H23.13

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS, WITH LOW NOX BURNER, 3 TOTAL; 21.1 MMBTU/HR					
STACK, COMMON TO D927, D928, D929, AND D1403 A/N: 455136	S1972	D927 D928 D929 D1403			
HEATER, 3F-3, HYDROCRACKER, STABILIZER REBOILER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 129 MMBTU/HR WITH A/N: 455142 BURNER, NATURAL GAS, REFINERY GAS, STAGED, WITH LOW NOX BURNER, STAGED COMBUSTION, 12 TOTAL; 129 MMBTU/HR	D930	S1975	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, C1.2, D90.12, D328.1, E193.16, H23.13
HEATER, 3F-4, HYDROCRACKER, SPLITTER REBOILER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 73 MMBTU/HR WITH A/N: 455144	D931	S1975	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, C1.3, D90.12, D328.1, E193.16, H23.13

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : HYDROCRACKING UNIT					P13.1
BURNER, EIGHT STAGED LOW-NOX BURNERS, WITH LOW NOX BURNER, STAGED COMBUSTION, 73 MMBTU/HR					
STACK, COMMON TO D930 AND D931 A/N: 455142	S1975	D930 D931			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455146	D2372			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
Process 8 : ALKYLATION UNIT					P13.1
System 1 : MODIFIED HYDROFLUORIC ACID ALKYLATION UNIT					S4.1, S13.2, S15.1, S15.2
TANK, 5C-3, HYDROGEN FLUORIDE ACID, HEIGHT: 45 FT; DIAMETER: 15 FT A/N: 413053	D448				
COLUMN, ISOSTRIPPER, 5C-5, HEIGHT: 199 FT; DIAMETER: 15 FT 6 IN A/N: 413053	D449				
COLUMN, DEPROPANIZER,5C-45, HEIGHT: 102 FT; DIAMETER: 10 FT A/N: 413053	D450				
COLUMN, HYDROGEN FLUORIDE STRIPPER, 5C-46, HEIGHT: 42 FT 6 IN; DIAMETER: 5 FT A/N: 413053	D452				

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
TOWER, 5C-48A, PROPANE KOH TREATER, HEIGHT: 16 FT; DIAMETER: 6 FT A/N: 413053	D453				
TOWER, 5C-48B, PROPANE KOH TREATER, HEIGHT: 16 FT; DIAMETER: 6 FT A/N: 413053	D454				
COLUMN, ALKYLATE STABILIZER, 5C-16, HEIGHT: 69 FT; DIAMETER: 8 FT A/N: 413053	D455				
SETTLING TANK, NO. 1, 5C-37, ACID, LENGTH: 52 FT; DIAMETER: 13 FT A/N: 413053	D458				
SETTLING TANK, NO. 2, 5C-38, ACID, LENGTH: 52 FT; DIAMETER: 13 FT A/N: 413053	D459				
REGENERATOR, 5C-8, NO. 1 ACID, HEIGHT: 19 FT; DIAMETER: 3 FT A/N: 413053	D460				
TOWER, 5C-41A, PROPANE ALUMINA, HEIGHT: 32 FT; DIAMETER: 9 FT A/N: 413053	D461				
TANK, SETTLER, 5C-10, DEPROPANIZER FEED, LENGTH: 20 FT; DIAMETER: 7 FT 6 IN A/N: 413053	D464				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
VESSEL, RECEIVER, 5C-12, DEPROPANIZER OVERHEAD, LENGTH: 30 FT; DIAMETER: 10 FT A/N: 413053	D465				
VESSEL, RECEIVER, 5C-6, ISOSTRIPPER OVERHEAD, LENGTH: 53 FT; DIAMETER: 14 FT A/N: 413053	D466				
VESSEL, RECEIVER, 5C-17, ALKYLATE STABILIZER OVERHEAD, LENGTH: 20 FT; DIAMETER: 5 FT A/N: 413053	D467				
VESSEL, REGENERATOR, 5C-39, NO. 2 ACID, HEIGHT: 31 FT; DIAMETER: 3 FT 6 IN A/N: 413053	D468				
TOWER, 5C-41B, PROPANE ALUMINA, HEIGHT: 32 FT; DIAMETER: 9 FT A/N: 413053	D469				
FILTER, 5J-15A/B, ALKYLATE FLUSH, 2 TOTAL, HEIGHT: 10.75 IN; DIAMETER: 3 FT 7.375 IN A/N: 413053	D471				
FILTER, 5J-16A/B, ALKYLATE FLUSH, HEIGHT: 10.75 IN; DIAMETER: 3 FT 7.375 IN A/N: 413053	D472				
STORAGE TANK, 5C-31, ACID, LENGTH: 50 FT; DIAMETER: 10 FT A/N: 413053	D473				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
REACTOR, NO. 1, 5E-30 A/N: 413053	D474				
REACTOR, NO. 2, 5E-31 A/N: 413053	D475				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 413053	D1825			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : LIQUID HF NEUTRALIZATION UNIT					S4.1, S13.2, S15.1, S15.2
SUMP, NEUTRALIZATION BASIN, 5R-5,, TWO SECTIONS, COVERED, WIDTH: 11 FT 4 IN; DEPTH: 12 FT; LENGTH: 22 FT 8 IN A/N: 328726	D480				C8.4
SCRUBBER, VENT, NEUTRALIZATION BASIN, WITH 3 WATER NOZZLES, WITH MIST ELIMINATOR, HEIGHT: 15 FT; DIAMETER: 4 FT A/N: 328726	D481				C8.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328726	D2373			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : ALKYLATE WATER WASH UNIT					S7.2, S13.2, S15.1, S15.2
TOWER, 10C-7, ALKYLATE WATER WASH, DIA: 7 FT / 10 FT; H: 43 FT / 17 FT A/N: 328728	D1651				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
TOWER, 10C-8, ADDITIVE RECOVERY, DIA: 2 FT 6 IN / 5 FT; H: 15 FT / 10 FT A/N: 328728	D1652				
VESSEL, RECEIVER, 10C-9, OVERHEAD, DIA: 2 FT-10 IN ; L: 9 FT-0 IN TT A/N: 328728	D1653				
VESSEL, DRYER, 10C-10, DIA.: 1 FT / 3 FT; L.: 21 FT-2 IN / 12 FT-7 IN A/N: 328728	D1654				
STORAGE TANK, 10D-1, ADDITIVE, LENGTH: 22 FT; DIAMETER: 6 FT 6 IN A/N: 328728	D1655				
EJECTOR, 1ST STAGE, 10H-1A/B, HF ADDITIVE DRYER, STEAM JET A/N: 328728	D1659				
EJECTOR, 2ND STAGE, 10H-2A/B, HF ADDITIVE DRYER, STEAM JET A/N: 328728	D1660				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328728	D1827			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 4 : DECANTER UNIT					S7.3, S13.2, S15.1, S15.2
VESSEL, 5C-101, DECANTER, ASO / ADDITIVE, LENGTH: 16 FT; DIAMETER: 4 FT 6 IN A/N: 328729	D1661				E204.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328729	D1828			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 5 : N-BUTANE (ALKYLATION PRODUCT) TREATING					S7.5, S46.1
TOWER, ALUMINA, 10C-1, HEIGHT: 54 FT; DIAMETER: 12 FT A/N: 392990	D1192				
POT, VAPORIZER, 10C-2, CONDENSATE, HEIGHT: 3 FT; DIAMETER: 1 FT A/N: 392990	D1193				
VESSEL, TREATER, KOH, 10C-3 A/N: 392990	D1194				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392990	D1957			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : GASEOUS ACID NEUTRALIZATION UNIT					S4.1, S13.2, S15.1, S15.2
SCRUBBER, RELIEF GAS, 5C-53 A/N: 419695	D933				
SCRUBBER, EVACUATION, 5C-58 A/N: 419695	D934				
TANK, 5D-1, SPENT CAUSTIC, FIXED ROOF, HEIGHT: 18 FT; DIAMETER: 25 FT A/N: 419695	D935	C2250		**VOC:** 50 PPMV (4) [RULE 1303(a)-BACT,5-10-1996]	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 200 LBS EACH A/N: 419695	C2250	D935			D90.7, E153.5, E193.15, K67.17
TANK, ACID DAY, 5D-5 A/N: 419695	D936				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419695	D2374			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 7 : EMERGENCY HF ACID DELUGE & NEUTRALIZATION					
SUMP, SPILL CONTAINMENT, 14 INCH HIGH CURBED, AREA AROUND ACID PUMPS WITH OVERHEAD, H2O SPRAY NOZZLES (108 PERIPHERAL @ 52 GPM EACH & 4 TOP @ 105 GPM EACH A/N: 410760	D947				
ABRASIVE BLASTING, DELUGE WATER COLLECTION & CAUSTIC NEUTRALIZATION, 120,000 GALS CAPACITY, CONCRETE WITH LINER A/N: 410760	D937				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410760	D1826			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 8 : EMERGENCY HF ACID EVACUATION & NEUTRALIZATION					
TANK, ACID EVACUATION, 5C-54, HEIGHT: 40 FT; DIAMETER: 14 FT A/N: 410761	D939	C940			

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : ALKYLATION UNIT					P13.1
SCRUBBER, ACID EVACUATION SYSTEM (AES) RELIEF GAS, 5C-55, LENGTH: 67 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 410761	C940	D939			E193.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410761	D2383			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
Process 9 : GAS PRODUCTION PROCESS					P13.1
System 1 : SATURATE GAS PLANT					S4.1, S13.2, S15.1, S15.2, S15.8, S18.2
KNOCK OUT POT, FEED GAS COMPRESSOR, 7C-1, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 280596	D482				
ABSORBER, ISOBUTANE, 7C-2, HEIGHT: 113 FT; DIAMETER: 5 FT 6 IN A/N: 280596	D483				
ABSORBER, AMINE, 7C-5, HEIGHT: 56 FT; DIAMETER: 4 FT A/N: 280596	D484				
COLUMN, DEBUTANIZER, 7C-6, HEIGHT: 75 FT; DIAMETER: 12 FT A/N: 280596	D485				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
ACCUMULATOR, 7C-7, DEBUTANIZER OVERHEAD, HEIGHT: 24 FT; DIAMETER: 9 FT A/N: 280596	D486				
TANK, SURGE, 7C-8, DEPROPANIZER FEED, HEIGHT: 18 FT; DIAMETER: 8 FT A/N: 280596	D487				
COLUMN, DEPROPANIZER, 7C-9, HEIGHT: 109 FT; DIAMETER: 11 FT A/N: 280596	D488				
ACCUMULATOR, 7C-10, DEPROPANIZER OVERHEAD, HEIGHT: 20 FT; DIAMETER: 12 FT A/N: 280596	D489				
COLUMN, NAPHTHA SPLITTER, 7C-11, HEIGHT: 75 FT; DIAMETER: 12 FT A/N: 280596	D490				
ACCUMULATOR, 7C-12, NAPHTHA SPLITTER OVERHEAD, HEIGHT: 25 FT; DIAMETER: 6 FT A/N: 280596	D491				
TANK, SURGE, 7C-13, DIAMETER: 18 FT A/N: 280596	D492				
VESSEL, DEA CONTACTOR, 7C-15, HEIGHT: 40 FT; DIAMETER: 8 FT A/N: 280596	D493				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
VESSEL, ROTARY DISC CONTACTOR, 7C-17, HEIGHT: 37 FT 6 IN; DIAMETER: 7 FT A/N: 280596	D494				
VESSEL, COALESCER, 7C-19, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 280596	D495				
KNOCK OUT POT, 7C-4, DRY GAS, HEIGHT: 7 FT; DIAMETER: 3 FT 6 IN A/N: 280596	D496				
SETTLING TANK, 7C-18, OIL WATER-WASH, LENGTH: 17 FT; DIAMETER: 10 FT 6 IN A/N: 280596	D497				
VESSEL, PENTANE SULFUR EXTRACTOR, 7C-47, HEIGHT: 58 FT; DIAMETER: 4 FT 8 IN A/N: 280596	D1206				E204.3
POT, PENTANE COALESCER, 7C-48, LENGTH: 8 FT; DIAMETER: 5 FT 4 IN A/N: 280596	D1207				E204.3
VESSEL, CONTACTOR, 7C-17, WITH 7.5 HP DRIVE, HEIGHT: 37 FT; DIAMETER: 7 FT A/N: 280596	D1287				
COMPRESSOR, 7K-2, FEEDGAS, CENTRIFUGAL, AXIAL FLOW WITH PACKED GLAND, 800 HP MOTOR A/N: 280596	D1298				H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
TANK, 7C-33, SODIUM SULFIDE SUPPLY, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: INACTIVE	D1299				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280596	D1830			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 2 : UNSATURATE GAS PLANT					S4.1, S13.2, S15.1, S15.2
VESSEL, RECEIVER, INTERSTAGE, 8C-1, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 280597	D498				
VESSEL, RECEIVER, HIGH PRESSURE, 8C-2, HEIGHT: 35 FT; DIAMETER: 13 FT A/N: 280597	D499				
ABSORBER, AMINE, 8C-5, HEIGHT: 53 FT; DIAMETER: 7 FT 6 IN A/N: 280597	D500				
COLUMN, DEBUTANIZER, 8C-6, HEIGHT: 90 FT 6 IN; DIAMETER: 14 FT A/N: 280597	D501				
ACCUMULATOR, 8C-7, DEBUTANIZER OVERHEAD, HEIGHT: 25 FT; DIAMETER: 10 FT A/N: 280597	D502				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
COLUMN, RERUN, 8C-8, HEIGHT: 58 FT; DIAMETER: 12 FT A/N: 280597	D503				
VESSEL, RECEIVER, RERUN OVERHEAD, 8C-9, HEIGHT: 20 FT; DIAMETER: 10 FT A/N: 280597	D504				
VESSEL, DRYER-DEPROPANIZER, 8C-12, HEIGHT: 74 FT; DIAMETER: 8 FT A/N: 280597	D505				
VESSEL, RECEIVER, DRYER-DEPROPANIZER OVERHEAD, 8C-13, HEIGHT: 15 FT; DIAMETER: 6 FT 6 IN A/N: 280597	D506				
SETTLING TANK, 8C-15, OIL WATER WASH, HEIGHT: 30 FT; DIAMETER: 12 FT A/N: 280597	D507				
VESSEL, RECEIVER, INTERSTAGE, 8C-23, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 280597	D508				
ABSORBER, MAIN, 8C-33, HEIGHT: 131 FT 6 IN; DIAMETER: 10 FT A/N: 280597	D509				
COMPRESSOR, GAS, STEAM DRIVE, 8K-1 A/N: 280597	D525				H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
COMPRESSOR, 8K-2, GAS, STEAM DRIVE A/N: 280597	D542				H23.34
VESSEL, TREATER, KPG KOH, 52-C-7, HEIGHT: 18 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 280597	D543				
POT, FCC GASOLINE WATER COALESCER, 8C-37, LENGTH: 15 FT; DIAMETER: 8 FT A/N: 280597	D1208				E204.3
POT, ABSORBER TOP PUMPDOWN COALESCER, 8C-38, HEIGHT: 10 FT 1 IN; DIAMETER: 5 FT A/N: 280597	D1209				E204.3
POT, ABSORBER MID PUMPDOWN COALESCER, 8C-39, HEIGHT: 12 FT; DIAMETER: 7 FT A/N: 280597	D1210				E204.3
COLUMN, STRIPPER, 8C-4, HEIGHT: 54 FT 6 IN; DIAMETER: 14 FT A/N: 280597	D1303				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280597	D1831			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
System 5 : DEISOBUTANIZER					S13.2, S15.1, S15.2
COLUMN, DEISOBUTANIZER, 10C-4, HEIGHT: 185 FT 6 IN; DIAMETER: 9 FT A/N: 280604	D1195				
ACCUMULATOR, 10C-5, DEISOBUTANIZER OVERHEAD ACCUMULATOR, LENGTH: 27 FT; DIAMETER: 9 FT A/N: 280604	D1196				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280604	D1829			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : ISOBUTANE (ALKYLATION FEED) TREATING					S13.2, S15.2, S15.15, S31.2
VESSEL, COALESCER, 11C-10, ISOBUTANE, LENGTH: 10 FT 9 IN; DIAMETER: 4 FT A/N:	D479				
Process 11 : TREATING/STRIPPING PROCESS					P13.1
System 1 : LPG (OLEFIN - ALKYLATION FEED) MEROX TREATING					S13.2, S15.1, S15.2
ABSORBER, 9C-1, UNSATURATE C3/C4 AMINE, HEIGHT: 60 FT; DIAMETER: 10 FT A/N: 455998	D579				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
VESSEL, PREWASH, 9C-2, UNSATURATE C3/C4, CAUSTIC, HEIGHT: 20 FT; DIAMETER: 11 FT 6 IN A/N: 455998	D580				
VESSEL, EXTRACTOR, 9C-3, UNSATURATE C3/C4, HEIGHT: 58 FT; DIAMETER: 8 FT 6 IN A/N: 455998	D581				
SETTLING TANK, 9C-4, UNSATURATE C3/C4 CAUSTIC, HEIGHT: 29 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 455998	D582				
FILTER, 9C-5, UNSATURATE C3/C4 SAND, HEIGHT: 19 FT 6 IN; DIAMETER: 11 FT 6 IN A/N: 455998	D583				
VESSEL, SEPARATOR, 9C-7, UNSATURATE C3/C4, DISULFIDE, HEIGHT: 20 FT 6 IN; DIAMETER: 3 FT A/N: 455998	D584				
VESSEL, SEPARATOR, 9C-8, UNSATURATE C3/C4 DISULFIDE, HEIGHT: 19 FT; DIAMETER: 4 FT A/N: 455998	D585			SOX: 500 PPMV (5) [RULE 407,4-2-1982]	E336.9
FILTER, SAND, 9C-9, UNSATURATE C3/C4 DISULFIDE, HEIGHT: 7 FT; DIAMETER: 2 FT A/N: 455998	D586				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
VESSEL, OXIDIZER, 9C-12, UNSATURATE C3/C4, HEIGHT: 20 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 455998	D587				
VESSEL, SEPARATOR, 9C-13, SATURATE C3/C4 DISULFIDE, HEIGHT: 19 FT; DIAMETER: 4 FT A/N: 455998	D594			SOX: 500 PPMV (5) [RULE 407,4-2-1982]	E336.9
FILTER, SAND, 9C-14, SATURATE C3/C4 DISULFIDE, HEIGHT: 7 FT; DIAMETER: 2 FT A/N: 455998	D595				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455998	D1983			VOC: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 2 : GASOLINE MEROX TREATING					S13.2, S15.1, S15.2
REACTOR, 12C-1, MEROX, HEIGHT: 20 FT; DIAMETER: 12 FT A/N: 422179	D588				
POT, DRAIN, 12C-3, REACTOR, HEIGHT: 3 FT; DIAMETER: 1 FT 6 IN A/N: 422179	D2192				
REACTOR, 12C-2, MEROX, HEIGHT: 20 FT; DIAMETER: 12 FT A/N: 422179	D589				
POT, DRAIN, 12C-4, REACTOR, HEIGHT: 3 FT; DIAMETER: 1 FT 6 IN A/N: 422179	D2193				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
KNOCK OUT POT, FLARE, 12C-6, HEIGHT: 9 FT 9 IN; DIAMETER: 3 FT A/N: 422179	D590				
VESSEL, COALESCER, 12J-4, FCCU GASOLINE, HEIGHT: 6 FT 8 IN; DIAMETER: 3 FT 11 IN A/N: 422179	D1311				
VESSEL, COALESCER, 12J-3, FCCU GASOLINE, HEIGHT: 8 FT; DIAMETER: 5 FT 2 IN A/N: 422179	D2146				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422179	D1838			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 3 : FUEL GAS TREATING/MEA ABSORPTION					S4.1, S13.2, S15.1, S31.3
VESSEL, 27C-01A, OFF-GAS SEPARATOR (COKER OFF-GAS, COKER WET GAS), LENGTH: 23 FT 6 IN; DIAMETER: 7 FT A/N: 422300	D1314				
VESSEL, 27C-01B, OFF-GAS SEPARATOR (COKER OFF-GAS, COKER WET GAS), LENGTH: 23 FT 6 IN; DIAMETER: 7 FT A/N: 422300	D2214				
VESSEL, 27C-06A, NO. 1 AMINE CONTACTORS, HEIGHT: 86 FT; DIAMETER: 6 FT A/N: 422300	D1318				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
TANK, VENT, 27C-12A, HEIGHT: 6 FT; DIAMETER: 4 FT 4 IN A/N: 422300	D1326				
VESSEL, NO. 2 AMINE, CONSISTING OF 2 SECTIONS WITH A/N: 422300 VESSEL, CONTACTOR, 27C-18A, NO. 2, MEA, TOP SECTION, HEIGHT: 94 FT; DIAMETER: 5 FT VESSEL, KNOCK OUT POT, 27C-4A, BOTTOM SECTION, HEIGHT: 11 FT; DIAMETER: 5 FT	D1333				
TANK, FLASH, 27C-19A, RICH AMINE, HEIGHT: 42 FT; DIAMETER: 12 FT A/N: 422300	D1335				
SUMP, 27D-3, RICH MEA, 3000 GALS; DIAMETER: 8 FT; DEPTH: 8 FT A/N: 422300	D2215	C2219		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, 27J-5A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN PARALLEL, 200 LBS A/N: 422300	C2219	D2215			D90.1, E128.1, E153.6, K171.6
FILTER, 27J-4, RICH MEA SUMP EFFLUENT, HEIGHT: 8 FT 1 IN; DIAMETER: 1 FT 2 IN A/N: 422300	D2216				

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422300	D1842			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 4 : MEA regeneration					S4.1, S13.2, S15.1, S15.4, S31.3
VESSEL, REGENERATOR, 28C-50A, RICH MEA, HEIGHT: 70 FT; DIAMETER: 7 FT 6 IN A/N: 377122	D2220				
VESSEL, REGENERATOR OVERHEAD ACCUMULATOR/REFLUX, 28C-51A, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 377122	D2221				
TANK, SURGE, 28D-50A, LEAN MEA, 1690 BBL; DIAMETER: 22 FT; HEIGHT: 25 FT A/N: 377122	D2222	C2223		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, 28J-57A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN SERIES, 200 LBS A/N: 377122	C2223	D2222			D90.1, E128.1, E153.6, K171.6
FILTER, CARTRIDGE TYPE, 28J-50A, LEAN MEA SURGE TANK EFFLUENT, PARTICULATE FILTER, HEIGHT: 6 FT 5 IN; DIAMETER: 3 FT 1 IN A/N: 377122	D2224				

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
FILTER, CHARCOAL, 28J-51A, LEAN MEA SURGE TANK EFFLUENT, HEIGHT: 8 FT; DIAMETER: 6 FT 6 IN A/N: 377122	D2225				
FILTER, GUARD, 28J-52A, LEAN MEA SURGE TANK EFFLUENT, HEIGHT: 7 FT; DIAMETER: 2 FT 4 IN A/N: 377122	D2226				
FILTER, VANE MIST TYPE, 28J-54A, FOAM, RECLAIMED MEA, HEIGHT: 3 FT 11 IN; DIAMETER: 1 FT 2 IN A/N: 377122	D2227				
SUMP, 28D-52, RICH MEA, DEPTH: 8 FT; DIAMETER: 8 FT A/N: 377122	D2228	C2229		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, 28J-56A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN SERIES, 200 LBS A/N: 377122	C2229	D2228			D90.1, E128.1, E153.6, K171.6
FILTER, CARTRIDGE TYPE, 28J-55, RICH MEA SUMP EFFLUENT, HEIGHT: 3 FT 4 IN; DIAMETER: 1 FT 2 IN A/N: 377122	D2230				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 377122	D2231			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
System 5 : DEA ABSORPTION SYSTEM					S13.2, S15.1
TANK, SURGE, 75C-201, LEAN AMINE, LENGTH: 30 FT; DIAMETER: 12 FT A/N: 239651	D612				
KNOCK OUT POT, 75C-202, LENGTH: 10 FT; DIAMETER: 4 FT 6 IN A/N: 239651	D613				
ABSORBER, 75C-203, AMINE, HEIGHT: 59 FT; DIAMETER: 5 FT 6 IN A/N: 239651	D614				
ABSORBER, 75C-205, AMINE, LENGTH: 45 FT; DIAMETER: 5 FT 6 IN A/N: 239651	D615				
TANK, SURGE, 75C-206, RICH DEA, LENGTH: 63 FT; DIAMETER: 12 FT A/N: 239651	D616				
TANK, SURGE, 75C-209, RICH DEA, LENGTH: 63 FT; DIAMETER: 15 FT A/N: 239651	D617				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 239651	D1840			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : DEA REGENERATION, TRAIN A					S13.2, S15.1, S15.4
COLUMN, REGENERATOR, 28C-1A, HEIGHT: 66 FT; DIAMETER: 11 FT A/N: 171569	D627				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
ACCUMULATOR, 28C-2A, REGENERATOR OVERHEAD, HEIGHT: 12 FT; DIAMETER: 8 FT A/N: 171569	D628				
TANK, SURGE, 28D-1, LEAN DEA, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 171569	D629				
SUMP, 28R-1, LEAN DEA, LENGTH: 12 FT; DIAMETER: 8 FT; DEPTH: 8 FT A/N: 171569	D630				
SUMP, 28R-8, DEA/CONDENSATE, WIDTH: 6 FT; DEPTH: 8 FT; LENGTH: 6 FT A/N: 171569	D631				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 171569	D1845			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 7 : DEA REGENERATION, TRAIN B					S13.2, S15.1, S15.4
COLUMN, REGENERATOR, 28C-1B, HEIGHT: 66 FT; DIAMETER: 11 FT A/N: 154282	D632				
ACCUMULATOR, 28C-2B, REGENERATOR OVERHEAD, LENGTH: 12 FT; DIAMETER: 8 FT A/N: 154282	D633				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
TANK, 28D-3, SURGE, LEAN DEA, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 154282	D657				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 154282	D1987			VOC: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 8 : SOUR WATER SURGE AND HANDLING					S13.2, S15.1
TANK, SURGE, 75C-101, SOUR-WATER, LENGTH: 23 FT; DIAMETER: 9 FT A/N: 275055	D603				
TANK, SURGE, 75C-204, SOUR-WATER, LENGTH: 30 FT; DIAMETER: 12 FT A/N: 275055	D606				
VESSEL, PUMP SUCTION, 75C-110, SOUR WATER, HEIGHT: 9 FT; DIAMETER: 5 FT A/N: 275055	D608				
TANK, EXTERNAL FLOATING ROOF, SURGE, 300X-16, TREATED WATER, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 43 FT WITH A/N: 275055 FLOATING ROOF, PONTOON PRIMARY SEAL	D609				H23.2

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
TANK, EXTERNAL FLOATING ROOF, SURGE, 300X-17, TREATED WATER, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 43 FT WITH A/N: 275055 FLOATING ROOF, PONTOON PRIMARY SEAL	D610				H23.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 275055	D1839			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 9 : SOUR WATER STRIPPING UNIT A					S13.2, S15.1, S15.4
COLUMN, SOUR WATER STRIPPER A, 28C-30A, HEIGHT: 66 FT; DIAMETER: 6 FT A/N: C12072	D636				
ACCUMULATOR, 28C-31A, SOUR WATER STRIPPER A OVERHEAD, LENGTH: 15 FT; DIAMETER: 5 FT A/N: C12072	D637				
SUMP, 28R-30, SOUR WATER, WIDTH: 6 FT; DEPTH: 8 FT; LENGTH: 12 FT A/N: C12072	D638				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: C12072	D1988				H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
System 10 : SOUR WATER STRIPPING UNIT B					S13.2, S15.1, S15.4
COLUMN, SOUR WATER STRIPPER B, 28C-30B, HEIGHT: 66 FT; DIAMETER: 6 FT A/N: C12073	D639				
ACCUMULATOR, 28C-31B, SOUR WATER STRIPPER B OVERHEAD, LENGTH: 15 FT; DIAMETER: 5 FT A/N: C12073	D640				
System 11 : SOUR WATER STRIPPING UNIT C					S13.2, S15.1, S15.4
COLUMN, 28C-36, SOUR WATER STRIPPER C, HEIGHT: 87 FT; DIAMETER: 7 FT A/N: 133679	D642				
ACCUMULATOR, 28C-37, SOUR WATER STRIPPER C OVERHEAD, LENGTH: 16 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133679	D643				
System 12 : Fuel gas treating Unit 27/MEROX mercaptan-extraction & oil absorption					S13.2, S15.1, S31.3
COLUMN, 27C-09A, COMBINATION, HEIGHT: 132 FT 6 IN; DIAMETER: 6 FT A/N:	D1320				

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
KNOCK OUT POT, 27C-05A, OIL ABSORBER FEED, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N:	D1316				
VESSEL, OXIDIZERS, 27C-10A, HEIGHT: 34 FT; DIAMETER: 2 FT 6 IN A/N:	D1322				
POT, ADDITION, 27C-14A, CATALYST, HEIGHT: 3 FT; DIAMETER: 1 FT 10 IN A/N:	D1330				
VESSEL, SEPARATOR, 27C-11A, DISULFIDE A/N:	D1324	C626			
FILTER, SAND, 27C-27A, KEROSENE/DISULFIDE, HEIGHT: 7 FT; DIAMETER: 3 FT A/N:	D1341				
TANK, DEGASSING, 27C-13A, SPENT CAUSTIC, HEIGHT: 10 FT; DIAMETER: 2 FT 4 IN A/N:	D1328				
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
System 1 : CLAUS TRAIN A					S13.6, S15.1, S15.2, S18.3
KNOCK OUT POT, 29C-05A, SOUR WATER STRIPPER, ACID GAS, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 133675	D651				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
KNOCK OUT POT, 29C-04A, AMINE ACID GAS, HEIGHT: 22 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133675	D663				
FURNACE, 29F-1A, REACTION, NATURAL GAS, FOR START-UP/SHUTDOWN ONLY, 41 MMBTU/HR A/N: 133675	D666				
REACTOR, 29C-06A, NATURAL GAS, THREE STAGE CLAUS, 41 MMBTU/HR A/N: 133675	D2007				
BOILER, REACTION FURNACE WASTE HEAT, UNFIRED, 29E-01A A/N: 133675	D1944				
HEATER, NO. 1 REHEATER, 29F-2A, FOR START UPS AND SHUTDOWNS, 4 MMBTU/HR A/N: 133675	D667				
CONDENSER, 29E-02A, NO. 1, SULFUR, HEIGHT: 20 FT; DIAMETER: 6 FT 8 IN A/N: 133675	D1909				
CONDENSER, 29E-03A, NO. 2, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133675	D1910				
CONDENSER, 29E-05A, NO. 3, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133675	D1911				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
CONDENSER, 29E-07A,NO. 4, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133675	D1912			**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** ; **SOX:** 500 PPMV (5A) **[RULE 468,10-8-1976]** **SOX:** 250 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
PIT, ACCUMULATOR, 29R-1A, SULFUR, WIDTH: 12 FT 6 IN; DEPTH: 8 FT; LENGTH: 55 FT A/N:	D668	C952		**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** ; **SOX:** 500 PPMV (5A) **[RULE 468,10-8-1976]** **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 133675	D1849			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : CLAUS TRAIN B					S13.6, S15.1, S15.2, S18.3
KNOCK OUT POT, 29C-05B, SOUR WATER STRIPPER, ACID GAS, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 133676	D652				

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
KNOCK OUT POT, 29C-04B, AMINE ACID GAS, HEIGHT: 22 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133676	D664				
FURNACE, REACTION, 29F-1B, NATURAL GAS, FOR STARTUP AND SHUTDOWN, 41 MMBTU/HR A/N: 133676	D669				
REACTOR, 29C-06B, NATURAL GAS, THREE STAGE CLAUS, 41 MMBTU/HR A/N: 133676	D2008				
BOILER, REACTION FURNACE WASTE HEAT, UNFIRED, 29E-01B A/N: 133676	D1945				
HEATER, NO. 1 REHEATER, 29F-2B, FOR START UP AND SHUTDOWN, 5 MMBTU/HR A/N: 133676	D670				
CONDENSER, 29E-02B, NO. 1, SULFUR, HEIGHT: 20 FT; DIAMETER: 6 FT 8 IN A/N: 133676	D1913				
CONDENSER, 29E-03B, NO. 2, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133676	D1914				
CONDENSER, 29E-05B, NO. 3, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133676	D1942				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
CONDENSER, 29E-07B, NO. 4, SULFUR, HEIGHT: 18 FT; DIAMETER: 6 FT 8 IN A/N: 133676	D1943			**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** ; **SOX:** 500 PPMV (5A) **[RULE 468,10-8-1976]** **SOX:** 250 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
PIT, ACCUMULATOR, 29R-1B, SULFUR, WIDTH: 12 FT 6 IN; DEPTH: 8 FT; LENGTH: 55 FT A/N:	D671	C952		**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** ; **SOX:** 500 PPMV (5A) **[RULE 468,10-8-1976]** **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 133676	D1850			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : TAIL GAS UNIT SERVING CLAUS TRAIN A, REDUCTION CONTROL					S15.1, S18.12
CONDENSER, DIRECT CONTACT SUPERHEATER, 29C-01A, HEIGHT: 60 FT; DIAMETER: 9 FT 6 IN A/N: 179158	D655				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
GENERATOR, REDUCING GAS, 29F-03A, NATURAL GAS A/N: 179158	D1947				
REACTOR, HYDROGENATION/HYDROLYSIS,-29C-07A, HEIGHT: 18 FT; DIAMETER: 12 FT A/N: 179158	D1946				
VESSEL, CONTACTOR, 29C-02A, AMINE , HEIGHT: 69 FT 6 IN; DIAMETER: 9 FT A/N: 179158	D653	C952		**HAP: (10) [40CFR 63 Subpart UUU, #4,4-20-2006] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	
REGENERATOR, 29-C-03A, AMINE, HEIGHT: 65 FT; DIAMETER: 5 FT 6 IN A/N: 179158	D1366				
VESSEL, 29-C-12A, REGENERATOR REFLUX, HEIGHT: 8 FT; DIAMETER: 3 FT 6 IN A/N: 179158	D1368				
TANK, SURGE, 29D-01A, LEAN AMINE, HEIGHT: 20 FT; DIAMETER: 13 FT A/N: 179158	D661				
SUMP, AMINE, 29D-04A, LENGTH: 6 FT; DIAMETER: 6 FT A/N: 179158	D1949				
STORAGE TANK, CAUSTIC, 29D-02, HEIGHT: 12 FT; DIAMETER: 12 FT A/N: 179158	D1948				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 179158	D1851			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 5 : TAIL GAS INCINERATORS					
OXIDIZER, THERMAL, 29F-4, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNERS, 100 MMBTU/HR A/N:	C952	D653 D668 D671 S1953	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) **[RULE 407,4-2-1982]** ; **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C8.8, D28.25, D82.1, H23.13
STACK A/N:	S1953	C952			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1853			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 6 : SULFUR STORAGE					S15.5
PIT, STORAGE, 28R- 137, SULFUR A/N:	D1375			**SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 1 : LPG/LSR RAIL CAR LOADING/UNLOADING RACK					S7.5, S15.1, S15.2, S31.2
LOADING AND UNLOADING ARM, 51J-12A-H, LIQUIFIED PETROLEUM GAS, 16 TOTAL; DIAMETER: 2 IN A/N:	D675				E193.5, E336.2, K67.5

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 2 : LPG TANK TRUCK LOADING/UNLOADING RACK					S15.1, S15.2
LOADING ARM, LIQUIFIED PETROLEUM GAS, 2 TOTAL A/N: A21946	D1470				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: A21946	D1955			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : GASOLINE LOADING RACK NO. 1					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, BOTTOM, LOADING RACK NO. 1, GASOLINE, WITH DRYBREAK COUPLERS, 6 TOTAL; DIAMETER: 4 IN A/N:	D1526			**TOC:** 35 MG/L (8) **[40CFR 60 Subpart XX,12-19-2003]** ; **VOC:** 0.08 LBS/1000 GAL (5) **[RULE 462,5-14-1999]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1527			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 4 : GASOLINE LOADING RACK NO. 3					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, TANK TRUCK, LOADING RACK NO. 3, GASOLINE, 6 TOTAL; DIAMETER: 4 IN A/N:	D1520			**HAP:** 35 MG/L (8) **[40CFR 60 Subpart XX,12-19-2003]** ; **VOC:** 0.08 LBS/1000 GAL (5) **[RULE 462,5-14-1999]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1956			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 5 : SPENT CAUSTIC LOADING & CONTROL SYSTEMS					
LOADING ARM, SPENT CAUSTIC, RAILCAR/TANK TRUCK, 2 TOTAL A/N: 376079	D1474	D1560		**VOC:** 500 PPMV (5) [**RULE 1303(a)(1)-BACT,5-10-1996**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 376079	D1475			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,6-23-2003**]	H23.34
KNOCK OUT POT, CONDENSIBLES, 500 GALLON, CAUSTIC A/N: 376079	D1560	D1474 C1561			
CARBON ADSORBER, CONDENSIBLES, CAUSTIC A/N: 376079	C1561	D1560			D90.1, E128.1, E153.2
System 6 : LIQUID SULFUR TRUCK LOADING					S15.5
LOADING ARM, TOP, ONE 2" OVERHEAD SWING-TYPE, WITH 3" FLEXIBLE VAPOR RECOVERY HOSE, DIAMETER: 2 IN A/N:	D644	C626		**SOX:** 500 PPMV (5) [**RULE 407,4-2-1982**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1847			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,6-23-2003**]	
System 7 : SULFUR VAPOR COLLECTION SYSTEM					S15.6, S18.4
EDUCTOR, STEAM, 28H-5, SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, 350 SCFM A/N:	D2390				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 8 : APC SYSTEM					S18.5
INCINERATOR, 28F-11, PROCESS GAS, REFINERY GAS, 60 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, REFINERY GAS, 4 TOTAL; 60 MMBTU/HR	C626	D644 D1324 S1766	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	C8.3, D29.5, D328.1, E193.16, H23.13
STACK, HEIGHT: 150 FT; DIAMETER: 6 FT 6 IN A/N:	S1766	C626			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1844			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
System 1 : WASTEWATER TREATMENT SYSTEM					S13.9
SCREEN, CLASSIFYING, BAR SCREEN SCRAPER, 72R-100, WIDTH: 10 FT; DEPTH: 14 FT 7 IN; LENGTH: 44 FT WITH A/N: 358111 PIT, IMPOUND PUMP, WIDTH: 6 FT; DEPTH: 14 FT 7 IN; LENGTH: 19 FT	D1773			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.8, H23.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
OIL WATER SEPARATOR, FIXED ROOF, COVERED, API SEPARATOR, 72R-66, WIDTH: 25 FT; DEPTH: 12 FT; LENGTH: 100 FT A/N: 358111	D680			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996;40CFR 60 Subpart QQQ,10-17-2000]**	E336.11, H23.5, H23.24, H23.30
TANK, FIXED ROOF, SURGE, 250X9, NITROGEN BLANKETED, SLOTTED PIPE SKIMMER (72D-3), 25000 BBL; DIAMETER: 60 FT; HEIGHT: 48 FT WITH A/N: 358111 POT, EFFLUENT WEIR BOX	D681			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.11, H23.2, H23.5, H23.24
TANK, FIXED ROOF, STILLING, 72D-17, WASTE WATER, WITH TWO SLOTTED PIPE SKIMMERS, HEIGHT: 24 FT; DIAMETER: 70 FT A/N: 358111	D683			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.11, H23.2, H23.5, H23.24
VESSEL, DEHYDRATOR, 170X1 A/N: 358111	D689			**VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.11, H23.5
TANK, FIXED ROOF, GAS FLOATATION, NO. 1, 72J-5, NITROGEN BLANKETED, WIDTH: 16 FT; DEPTH: 8 FT; LENGTH: 64 FT A/N: 358111	D684			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.8, H23.24, H23.30

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
TANK, FIXED ROOF, GAS FLOATATION, NO. 2, 72J-6, NITROGEN BLANKETED, WIDTH: 20 FT; DEPTH: 9 FT; LENGTH: 100 FT A/N: 358111	D685			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	E336.8, H23.24, H23.30
PIT, FIXED ROOF, FLOCCULATION, 80000 BBL; DIAMETER: 117 FT; HEIGHT: 42 FT A/N: 358111	D705			**HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; VOC: 500 PPMV (5) [RULE 1176,9-13-1996]**	H23.24
DRAIN SYSTEM COMPONENT A/N: 358111	D1907			**HAP: (10) [40CFR 61 Subpart FF_01,12-4-2003;40CFR 63 Subpart CC, #4,6-23-2003]**	H23.5, H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 358111	D1860			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 2 : APC SYSTEM SERVING WASTEWATER TREATMENT SYSTEM					S13.11, S18.7
KNOCK OUT POT, 72C-8 A/N: 358113	D688				
BLOWER, EXHAUST, 72K-3A, 7.5 HP A/N: 358113	D1376				
KNOCK OUT POT, 72C-22 A/N: 358113	D1775				H23.1
BLOWER, EXHAUST, 72K-3B, 7.5 HP A/N: 358113	D1377				

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
INCINERATOR, DIRECT GAS-FIRED, 72F-2, NATURAL GAS, PROCESS GAS, 2.5 MMBTU/HR A/N: 358112	C686	S2018	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	A72.1, C8.1, D28.13, E193.16, E440.1, H23.13
STACK A/N: 358112	S2018	C686			
INCINERATOR, DIRECT GAS-FIRED, 72F-4, NATURAL GAS, PROCESS GAS, SPARE, 2.5 MMBTU/HR A/N: 358113	C687	S2019	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	A72.1, C8.1, D28.13, E193.16, E440.1, H23.13
STACK A/N: 358113	S2019	C687			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 358113	D1938			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
Process 15 : PETROLEUM STORAGE					P13.1
System 1 : FIXED ROOF ORGANIC STORAGE					S13.4
STORAGE TANK, FIXED ROOF, 20X1011, SPENT CAUSTIC, HEIGHT: 23 FT 11 IN; DIAMETER: 25 FT A/N: A75828	D690				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X126, 5000 BBL; DIAMETER: 35 FT; HEIGHT: 30 FT 3 IN A/N: 155609	D691			**VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003]**	E336.1, H23.4, K67.2

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(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 50X125, 5000 BBL; DIAMETER: 35 FT; HEIGHT: 30 FT 3 IN A/N: 159406	D692			**VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003]**	B22.1, C1.6, D182.5, D182.6, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 150X101, SLOP OIL, 15000 BBL; DIAMETER: 60 FT; HEIGHT: 30 FT A/N: 392448	D693			**VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003]**	C1.62, E336.1, H23.4, H23.24
STORAGE TANK, FIXED ROOF, 150X102, SLOP OIL, 15000 BBL; DIAMETER: 60 FT; HEIGHT: 30 FT A/N: 392587	D694			**VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003]**	C1.62, E336.1, H23.4, H23.24
STORAGE TANK, FIXED ROOF, 200X10, 20000 BBL; DIAMETER: 60 FT; HEIGHT: 41 FT A/N: C12326	D695				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 200X11, HEIGHT: 41 FT; DIAMETER: 60 FT A/N: C12325	D696				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 200X35, DIESEL FUEL, 840000 GALS; DIAMETER: 60 FT; HEIGHT: 40 FT 3 IN A/N: 192438	D697			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]**	K67.2
STORAGE TANK, FIXED ROOF, 200X36, DIESEL FUEL, 840000 GALS; DIAMETER: 60 FT; HEIGHT: 40 FT 3 IN A/N: 192440	D698			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]**	K67.2

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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 300X27, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 41 FT A/N: A34940	D699				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 300X28, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 41 FT A/N: A34941	D700				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 550X70, 55000 BBL; DIAMETER: 100 FT 6 IN; HEIGHT: 40 FT A/N: 466677	D702				B59.2, E336.1, K67.2
STORAGE TANK, FIXED ROOF, 550X95, DIESEL FUEL, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 39 FT A/N: 192435	D704			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	K67.2
STORAGE TANK, FIXED ROOF, 800X121, 80000 BBL; DIAMETER: 117 FT; HEIGHT: 41 FT 11 IN A/N: A69739	D706				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X122, 80000 BBL; DIAMETER: 110 FT 6 IN; HEIGHT: 48 FT 11 IN A/N: 410654	D708				B22.5, C1.50, D182.5, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 800X130, 80000 BBL; DIAMETER: 118 FT; HEIGHT: 40 FT A/N: A34944	D711				E336.1, H23.32, K67.2

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 800X131, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT A/N: A34945	D712				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X135, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT A/N: A34946	D713				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X136, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT A/N: A79242	D714				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X137, 80000 BBL; DIAMETER: 110 FT; HEIGHT: 48 FT A/N: 213010	D715				C1.37, D182.6, E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X205, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 5 IN A/N: 242599	D716			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.9, C1.7, D182.5, D182.6
STORAGE TANK, FIXED ROOF, 800X244, VACUUM GAS OIL, 80000 BBL; DIAMETER: 119 FT; HEIGHT: 40 FT A/N: 192427	D718			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	K67.2
STORAGE TANK, FIXED ROOF, 800X245, 80000 BBL; DIAMETER: 119 FT; HEIGHT: 40 FT A/N: 192433	D719			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.9, D182.5, K67.2

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 900X1, 90000 BBL; DIAMETER: 120 FT; HEIGHT: 44 FT A/N: C12526	D720				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 900X2, 90000 BBL; DIAMETER: 120 FT; HEIGHT: 43 FT 6 IN A/N: Z02801	D721				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 900X3, 90000 BBL; DIAMETER: 120 FT; HEIGHT: 44 FT A/N: C12527	D722				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 1340X113, NAPHTHA, 134000 BBL; DIAMETER: 142 FT; HEIGHT: 48 FT A/N: 259332	D724			VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003]	C1.10, D182.6, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 1340X247, DIESEL FUEL, 134000 BBL; DIAMETER: 143 FT; HEIGHT: 48 FT A/N: 239934	D726			HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]	C1.13, D182.6
STORAGE TANK, FIXED ROOF, 3000X1, ATMOSPHERIC RESIDUUM, VACUUM RESIDUUM., FCC PRODUCTS (CLARIFIED & LIGHT CYCLE OIL), HYDRODESULFURIZED MIDDLE DISTILLATE, 300000 BBL; DIAMETER: 198 FT; HEIGHT: 56 FT A/N: 464936	D727				C1.61, E336.1, H23.6

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 5000X1, ATMOSPHERIC RESIDUUM, VACUUM RESIDUUM, FCC PRODUCT (CLARIFIED & LIGHT CYCLE OIL), HYDRODESULFURIZED MIDDLE DISTILLATE, 500000 BBL; DIAMETER: 275 FT; HEIGHT: 48 FT 4 IN A/N: 464938	D728				C1.59, E336.1, H23.6
STORAGE TANK, FIXED ROOF, 150X103, RECOVERED OIL, 15108 BBL; DIAMETER: 60 FT; HEIGHT: 30 FT A/N: 376740	D915			VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003]	C1.45, D182.6, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 9X6, SPENT CAUSTIC, 900 BBL; DIAMETER: 18 FT; HEIGHT: 20 FT A/N: 106339	D1417				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, STEAM HEATED, 200X37, 20000 BBL; DIAMETER: 80 FT; HEIGHT: 24 FT A/N: 410391	D1419				E336.9, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X123, RECOVERED OIL, 5000 BBL; DIAMETER: 35 FT; HEIGHT: 30 FT 3 IN A/N: A77446	D1428				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X124, RECOVERED OIL, 5000 BBL; DIAMETER: 35 FT; HEIGHT: 30 FT 3 IN A/N: A77445	D1437				E336.1, H23.32, K67.2

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 1340X123, VACUUM GAS OIL, SLOP OIL, THERMAL CRACKED PRODUCTS (LIGHT, HEAVY, NAPHTHA, GAS OIL), 134000 BBL; DIAMETER: 143 FT; HEIGHT: 48 FT A/N: 392193	D1685			VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003]	C1.18, D182.6, E336.1, H23.4, H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 367473	D1862			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
STORAGE TANK, FIXED ROOF, 800X216, VACUUM GAS OIL, LIGHT CYCLE OIL, CLARIFIED SLURRY OIL, FUEL OIL, CUTTER OIL, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT A/N: 361848	D1897				C1.46, D182.6
STORAGE TANK, FIXED ROOF, 800X206, VACUUM GAS OIL, LIGHT CYCLE OIL, CLARIFIED SLURRY OIL, FUEL OIL, CUTTER OIL, 80000 BBL; DIAMETER: 117 FT 1 IN; HEIGHT: 39 FT 3 IN A/N: 361847	D1898				C1.46, D182.6
STORAGE TANK, FIXED ROOF, 550X71, CLARIFIED SLURRY OIL, ACID SOLLUBLE OIL, LIGHT CYCLE OIL, DIESEL, GAS OIL, 55000 BBL; DIAMETER: 114 FT; HEIGHT: 29 FT A/N: 376739	D1924				C1.44, D182.6, E336.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, STEAM HEATED, 51D-10, GASOLINE ADDITIVE, 10000 GALS; DIAMETER: 11 FT 6 IN; HEIGHT: 13 FT A/N:	D1425				K67.2
TANK, 9X7, SPENT CAUSTIC, 860 BBL; DIAMETER: 18 FT; HEIGHT: 20 FT A/N: 377346	D1925				C1.19, D182.6, E336.1, H23.32
STORAGE TANK, FIXED ROOF, SPENT LAB SAMPLES, LABORATORY CONTAINMENT, 2000 GALS; DIAMETER: 6 FT; LENGTH: 10 FT A/N: 367473	D1787				C1.49, D182.6, E336.1
System 2 : EXTERNAL FLOATING ROOF STORAGE					S13.4
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X94, DIESEL FUEL, WELDED, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 39 FT WITH A/N: 438813 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D703			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	K67.2

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X246, LCC DISTILLATE, DIESEL FUEL, WELDED, 134000 BBL; DIAMETER: 143 FT; HEIGHT: 48 FT WITH A/N: 392426 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D725			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	C1.58
STORAGE TANK, EXTERNAL FLOATING ROOF, 50X286, 210000 GALS; DIAMETER: 30 FT 1 IN; HEIGHT: 40 FT WITH A/N: 127244 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D730			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.1, C1.41, D182.5, D182.6, H23.18

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(4) Denotes BACT emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 50X287, RECOVERED OIL, 5000 BBL; DIAMETER: 30 FT 1 IN; HEIGHT: 40 FT WITH A/N: 133707 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D731			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.18, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 200X17, 20000 BBL; DIAMETER: 60 FT; HEIGHT: 40 FT 6 IN WITH A/N: C18561 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D732			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2

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(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 200X18, 20000 BBL; DIAMETER: 60 FT; HEIGHT: 40 FT 6 IN WITH A/N: C19360 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D733			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X12, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: A25817 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D736			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X15, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 42 FT WITH A/N: A25818	D737			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 15 : PETROLEUM STORAGE					P13.1
FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X23, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 42 FT WITH A/N: A25819 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D738			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X24, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 44 FT WITH A/N: A25820	D739			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 15 : PETROLEUM STORAGE					P13.1
FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X239, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: 443172 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D741				H23.18, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X132, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT WITH A/N: 239647 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D748			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X133, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT WITH A/N: 239650 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D749			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X134, JET KEROSENE, WELDED, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT WITH A/N: 392590 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D750			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	C1.60, H23.32

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X250, WASTE WATER, 80000 BBL; DIAMETER: 110 FT; HEIGHT: 52 FT 3 IN WITH A/N: 257632 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D751				B22.8, C1.42, D182.5, D182.6, H23.18
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X69, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: 443178 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D765			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.10, D182.5, H23.32, K67.2

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X70, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: 443336 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER	D766			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	E71.10, H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X71, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: C19376 FLOATING ROOF, PONTOON	D767			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 15 : PETROLEUM STORAGE					P13.1
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X74, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: T00203 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D769			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X76, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: 443337 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D770			**HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]**	E71.10, H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X77, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: 443338 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER	D771			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	E71.10, H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X78, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: C19373	D772			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X79, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: C19372 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D773			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.1, C1.11, D182.5, D182.6, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X80, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: C19371	D774			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.1, C1.11, D182.5, D182.6, H23.32

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Process 15 : PETROLEUM STORAGE					P13.1
FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X96, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 41 FT 6 IN WITH A/N: 386850 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D830			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X97, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 41 FT 6 IN WITH A/N: 386853 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D831			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X101, 55000 BBL; DIAMETER: 100 FT; HEIGHT: 41 FT 6 IN WITH A/N: 386849 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D832			HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X11, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYTROTREATED GAS OIL, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: 459457 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY A GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER	D1743			HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]	B22.11, C1.32, D182.5, H23.4

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(4) Denotes BACT emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X20, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYTROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 42 FT WITH A/N: 459458 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B	D1747			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.11, C1.32, D182.5, H23.4
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X22, WELDED, KEROSEN, STRAIGHT RUN GAS OIL, SOUR WATER, AND FULL RANGE HYDROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 42 FT WITH A/N: 459459 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED, MECHANICAL SHOE	D1751			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003]**	B22.11, C1.32, D182.5, H23.4

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(4) Denotes BACT emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, RIM MOUNTED, RIM MOUNTED, CATEGORY B GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER					
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X21, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYDROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT; HEIGHT: 42 FT WITH A/N: 459460 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER	D1755			**HAP:** (10) [40CFR 63 Subpart CC, #2,6-23-2003]	B22.11, C1.32, D182.5, H23.4

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Process 15 : PETROLEUM STORAGE					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 459460	D1863			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : PRESSURIZED STORAGE					S13.3, S15.16
STORAGE TANK, PRESSURIZED, 5X815, LIQUIFIED PETROLEUM GAS, 21000 GALS; DIAMETER: 8 FT 2 IN; HEIGHT: 58 FT A/N: 457520	D780				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X21, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT; HEIGHT: 76 FT A/N: 457522	D781				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X22, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT; HEIGHT: 76 FT A/N: 457523	D782				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X27, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT; HEIGHT: 76 FT A/N: 457524	D783				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X28, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT; HEIGHT: 76 FT A/N: 450319	D784				C12.3, E336.16

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 11X33, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT; HEIGHT: 76 FT A/N: 457525	D785				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X4, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457526	D42				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X5, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457527	D786				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X6, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457528	D787				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X7, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457529	D788				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X8, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457530	D789				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X9, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457531	D790				C12.3, E336.16

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 28X12, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457532	D791				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X13, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457533	D792				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X14, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457534	D793				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X15, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457535	D794				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X16, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457536	D795				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X17, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457537	D796				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X18, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457538	D797				C12.3, E336.16

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 28X19, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457539	D798				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 50X130, LIQUIFIED PETROLEUM GAS, 210000 GALS; DIAMETER: 39 FT 10 IN A/N: 457540	D799				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 50X183, LIQUIFIED PETROLEUM GAS, 210000 GALS; DIAMETER: 39 FT 10 IN A/N: 457541	D800				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 400X30, LIGHT STRAIGHT RUN NAPHTHA (LSR), LIGHT HYDROCRACKER NAPHTHA (LHC), SPHERICAL VESSEL, 40000 BBL; DIAMETER: 76 FT A/N: 250379	D801				E336.3
STORAGE TANK, PRESSURIZED, 400X31, LIGHT HYDROCRACKER NAPHTHA (LHC), LIGHT STRAIGHT RUN NAPHTHA (LSR), SPHERICAL VESSEL, 40000 BBL; DIAMETER: 76 FT A/N: 250378	D802				E336.3
STORAGE TANK, PRESSURIZED, 510X4, BUTANE, NODED SPHEROID, 51000 BBL; DIAMETER: 102 FT; HEIGHT: 40 FT A/N: 023228	D1379				E336.4

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 11X41, 1100 BBL; DIAMETER: 9 FT 9 IN; HEIGHT: 76 FT 3 IN A/N: 457542	D1418				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 500X1, BUTANE, 50000 BBL; DIAMETER: 90 FT; HEIGHT: 45 FT A/N: A86995	D1439				E336.5
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 250378	D1864			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
STORAGE TANK, PRESSURIZED, 200X1, LIGHT STRAIGHT RUN NAPHTHA, DIAMETER: 65 FT A/N: 457543	D2005				C1.52, D182.6, E193.8, E336.16
System 5 : INTERNAL FLOATING ROOF					S13.4
STORAGE TANK, INTERNAL FLOATING ROOF, 1340X87, UNTREATED WASTE WATER/TREATED WASTE WATER, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 343183 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D1763				B22.3, C1.17, C6.1, D182.5, D182.6, H23.18

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 343183	D1865			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 6 : DOMED EXTERNAL FLOATING ROOF STORAGE					S13.10
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 50X284, 5000 BBL; DIAMETER: 30 FT; HEIGHT: 40 FT WITH A/N: 471234 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D729			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	C6.3, K67.2, K171.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 800X104, 80000 BBL; DIAMETER: 110 FT; HEIGHT: 48 FT WITH A/N: 460192	D744			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 800X93, GASOLINE, RIVETED, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 41 FT WITH A/N: 409767 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC	D747			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	B22.1, C1.59, H23.32

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X53, GASOLINE BLENDING COMPONENTS, WELDED, 134000 BBL; DIAMETER: 143 FT; HEIGHT: 48 FT WITH A/N: 471233 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH SLEEVE, WIPER, FLOAT DOME COVER, GEODESIC DOME FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D752			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.65, C6.3, H23.31, K171.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X52, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL	D753			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X1, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 50 FT WITH A/N: 460191 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D754			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X75, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 48 FT 9 IN WITH A/N: 471235 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D768			HAP: (10) [40CFR 63 Subpart CC, #2,6-23-2003]	C6.3, K67.2, K171.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X1, 250000 BBL; DIAMETER: 193 FT; HEIGHT: 52 FT 10 IN WITH A/N: 465905 FLOATING ROOF, DOUBLE DECK, WELDED SHELL	D776			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	B22.1, C1.8, D182.5, D182.6, H23.6, K67.2, K171.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Process 15 : PETROLEUM STORAGE					P13.1
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X3, GASOLINE BLENDING COMPONENTS, 250000 BBL; DIAMETER: 193 FT; HEIGHT: 53 FT WITH A/N: 465908 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D778			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	B22.1, C1.9, D182.5, D182.6, H23.4, K171.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
GUIDEPOLE, SLOTTED GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X4, GASOLINE BLENDING COMPONENTS, 250000 BBL; DIAMETER: 193 FT; HEIGHT: 53 FT WITH A/N: 454700 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED GASKETED COVER, WITH, FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D779			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	B22.1, C1.9, D182.5, D182.6, H23.4, K171.1

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X56, GASOLINE, WELDED, 134000 BBL; DIAMETER: 142 FT 3 IN; HEIGHT: 51 FT 9.75 IN WITH A/N: 409768 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE DOME COVER, GEODESIC	D757			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.30, H23.4
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X2, GASOLINE, 250000 BBL; DIAMETER: 193 FT; HEIGHT: 53 FT WITH A/N: 409765 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D777			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.64, H23.6

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
DOME COVER, GEODESIC					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X67, GASOLINE, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D764			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.51, H23.32
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X44, GASOLINE, 134000 BBL; DIAMETER: 143 FT; HEIGHT: 48 FT WITH A/N: 409766 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED DOME COVER, GEODESIC	D1220			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.31, H23.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X54, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D755			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X55, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D756			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X92, 80000 BBL; DIAMETER: 117 FT; HEIGHT: 42 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D746			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X95, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D745			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X33, 30000 BBL; DIAMETER: 67 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D701			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X34, 30000 BBL; DIAMETER: 67 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY C OR BETTER PER RULE 219(C)(4), LIQUID FILLED SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D740			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	H23.32, K67.2

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(2)(2A)(2B) Denotes RECLAIM emission rate
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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X57, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D758			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X61, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D775			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2

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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X68, WELDED, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 456389 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D763			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1
STORAGE TANK, INTERNAL FLOATING ROOF, 1340X66, (GEODESIC DOME ROOF), 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 389535 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D761			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	B59.1, C1.48, C6.1, D182.6, H23.4

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X63, 134000 BBL; DIAMETER: 143 FT; HEIGHT: 52 FT WITH A/N: 443177	D762			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	B59.1, C1.48, C6.1, D182.6, H23.4
FLOATING ROOF, PONTOON					
PRIMARY SEAL, CATEGORY A, METALLIC SHOE					
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
DOME COVER, GEODESIC					
STORAGE TANK, EXTERNAL FLOATING ROOF, 400X11, GASOLINE, 40000 BBL; DIAMETER: 95 FT 5 IN; HEIGHT: 32 FT WITH A/N:	D742			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.29, H23.32
FLOATING ROOF, DOUBLE DECK					
PRIMARY SEAL, CATEGORY A, METALLIC SHOE					

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 400X12, GASOLINE, 40000 BBL; DIAMETER: 94 FT 1 IN; HEIGHT: 32 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D743			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	C1.29, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X9, GASOLINE, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D734			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	C1.33, H23.32

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X10, GASOLINE, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D735			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.33, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X60, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D759			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X62, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D760			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	H23.32, K67.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 443177	D2375			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 7 : FIXED ROOF STORAGE TANKS, OTHER					
STORAGE TANK, #213339, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400885	D1916				C1.54, D182.6

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, #213340, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMIN-E (HPHA), 1025 GALS; DIAMETER: 4 FT; LENGTH: 12 FT 4 IN A/N: 400884	D1917				C1.25, D182.6
STORAGE TANK, #M-8, FGT ANTI-FOAM AGENT, 2000 GALS; DIAMETER: 6 FT 2 IN; HEIGHT: 9 FT A/N: 377329	D1918				C1.26, D182.6
STORAGE TANK, #N79393, CORROSION INHIBITOR, 2000 GALS; DIAMETER: 5 FT 4 IN; HEIGHT: 12 FT 8 IN A/N: 377333	D1919				C1.27, D182.6
STORAGE TANK, #213338, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400883	D1920				C1.54, D182.6
STORAGE TANK, M-10, BPR 45120, SILICONE ANTI-FOAM AGENT, 1000 GALS; DIAMETER: 4 FT; LENGTH: 10 FT 1 IN A/N: 377347	D1926				C1.20, D182.6

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(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : PETROLEUM STORAGE					P13.1
STORAGE TANK, M-12, BPR 45120 SILICONE ANTI-FOAM AGENT, 350 GALS; WIDTH: 3 FT 6 IN; HEIGHT: 3 FT 4.8 IN; LENGTH: 4 FT A/N: 377350	D1927				C1.21, D182.6
STORAGE TANK, M-14, TOLAD 3920-ANTI-FOAM/ANTI-OXIDA- NT, 1000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 6 FT A/N: 377352	D1928				C1.22, D182.6
STORAGE TANK, M-1, BPR 82300 NEUTRALIZER, 2000 GALS; DIAMETER: 6 FT; LENGTH: 10 FT A/N: 400723	D1929				C1.22, D182.6
STORAGE TANK, #143158, BOILER WATER TREATMENT, 340 GALS; WIDTH: 4 FT; HEIGHT: 4 FT; LENGTH: 4 FT A/N: 377358	D1930				C1.23, D182.6
STORAGE TANK, 21D-6 (COKER), CHEMICAL, ANTI-FOAMING AGENT, 3000 GALS; DIAMETER: 8 FT; HEIGHT: 8 FT A/N: 265329	D1554				K67.2
STORAGE TANK, #201219, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMIN-E (HPHA), 500 GALS; DIAMETER: 4 FT; LENGTH: 5 FT A/N: 400886	D2023				C1.56, D182.6

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(4) Denotes BACT emission limit
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Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, #201218, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMIN-E (HPHA), 500 GALS; DIAMETER: 4 FT; LENGTH: 5 FT A/N: 400887	D2024				C1.56, D182.6
STORAGE TANK, #213337, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400888	D2025				C1.54, D182.6
STORAGE TANK, # 66D-3, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 560 GALS; DIAMETER: 4 FT; LENGTH: 6 FT A/N: 407801	D2026				C1.57, D182.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 407801	D2376			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
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Process 16 : STEAM GENERATION PROCESS					
System 1 : UTILITY BOILERS					
BOILER, AUXILIARY, 2F-4, NATURAL GAS, REFINERY GAS, 309 MMBTU/HR WITH A/N: 145248 BURNER, NATURAL GAS, REFINERY GAS, COEN, MODEL DAF29, 4 BURNERS, WITH LOW NOX BURNER, 4 TOTAL; 309 MMBTU/HR	D803		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 11 LBS/HR (5B) [RULE 476,10-8-1976] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: 0.01 GRAINS/SCF (5A) [RULE 476,10-8-1976]	A327.2, D328.1, E193.16, H23.13
BOILER, UTILITY, 75F-1, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, WITH LOW NOX BURNER, 291 MMBTU/HR WITH A/N: 145246 BURNER, NATURAL GAS, COEN, MODEL DAF-26, THREE, WITH LOW NOX BURNER, STEAM OR WATER INJECTION, 3 TOTAL; 291 MMBTU/HR	D805		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 11 LBS/HR (5B) [RULE 476,10-8-1976] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: 0.01 GRAINS/SCF (5A) [RULE 476,10-8-1976]	A327.2, D328.1, E193.16, H23.13

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16 : STEAM GENERATION PROCESS					
BOILER, UTILITY A-TRAIN, 30F-1, LIQUIFIED PETROLEUM GAS, REFINERY GAS, ABCO INDUSTRIES, MODEL "D" TYPE, 340 MMBTU/HR WITH A/N: 281304 BURNER, LIQUIFIED PETROLEUM GAS, REFINERY GAS, COEN, MODEL DAF-36, WITH LOW NOX BURNER, 2 TOTAL; 340 MMBTU/HR	D1236	C1238	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 10.1 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 0.2 LBS/MMBTU (8) [40CFR 60 Subpart Db,1-28-2009] NOX: 0.01 LBS/MMBTU (7) [RULE 2005,5-6-2005] ; PM: 0.1 LBS/MMBTU (8) [40CFR 60 Subpart Db,1-28-2009] ; PM: 11 LBS/HR (5A) [RULE 476,10-8-1976] PM: 0.01 GRAINS/SCF (5B) [RULE 476,10-8-1976] ; PM: 5.3 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] ; ROG: 1.77 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] SO2: 20 PPMV (8) [40CFR 60 Subpart J,6-24-2008]	A327.2, B61.1, C1.14, D29.2, D328.1, E193.16, H23.13, H23.19

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16 : STEAM GENERATION PROCESS					
SELECTIVE CATALYTIC REDUCTION, HITACHI ZOSEN, FIXED BED, CERAMIC CATALYST, 212 CU FT A/N: 281303	C1238	D1236		**NH3:** 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	D12.2, D12.8, D28.11, E71.7, K40.3
BOILER, UTILITY B-TRAIN, 30F-2, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, ABCO, MODEL "D" TYPE, 340 MMBTU/HR WITH A/N: 281305	D1239	C1241	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [RULE 407,4-2-1982] ; **CO:** 10.1 LBS/HR (4) [RULE 1303(b)(2)-Offset,5-10-1996] ; **NOX:** 0.2 LBS/MMBTU NATURAL GAS (8) [40CFR 60 Subpart Db,1-28-2009] **NOX:** 0.01 LBS/MMBTU (4) [RULE 2005,5-6-2005] ; **PM:** 11 LBS/HR (5B) [RULE 476,10-8-1976] ; **PM:** 5.3 LBS/HR (4) [RULE 1303(b)(2)-Offset,5-10-1996] **PM:** 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; **PM:** 0.01 GRAINS/SCF (5A) [RULE 476,10-8-1976] ; **ROG:** 1.77 LBS/HR (5) [RULE 1303(b)(2)-Offset,5-10-1996] **SO2:** 20 PPMV (8) [40CFR 60 Subpart J,6-24-2008]	A327.2, B61.1, C1.14, D29.2, D328.1, E193.16, H23.13, H23.19

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 16 : STEAM GENERATION PROCESS					
BURNER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, COEN, MODEL DAF-36, WITH LOW NOX BURNER, 2 TOTAL: 340 MMBTU/HR					
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER 30F-2 A/N: 281302	C1241	D1239		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	D12.2, D12.8, D28.11, E71.7, K40.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 281305	D2009			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 2 : ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 30C-3, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 13 FT WITH A/N: 468906	D2341				E71.12, K67.13
EVAPORATOR, 30E-5, AMMONIA, ELECTRIC HEATED					
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
System 2 : JET FUEL FINISHING SYSTEM					
PUMP, 55G-88, JET SHIPPING, 100 HP A/N: 280595	D1681				

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280595	D1877			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 3 : EMERGENCY FIRE-WATER SUPPLY SYSTEM					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-6, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH TURBOCHARGER, 510 HP A/N: 219444	D955		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; **PM:** (9) [RULE 404,2-7-1986] ; **SOX:** 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-8, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH TURBOCHARGER, 510 HP A/N: 219446	D957		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; **PM:** (9) [RULE 404,2-7-1986] ; **SOX:** 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-4, DIESEL FUEL, CUMMINS, MODEL NT-855-F1, WITH AFTERCOOLER, TURBOCHARGER, 250 HP A/N: 178647	D959		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 BBLS DIESEL (1) [RULE 2012,5-6-2005] ; **PM:** (9) [RULE 404,2-7-1986] ; **SOX:** 6.24 LBS/1000 BBLS DIESEL (1) [RULE 2011,5-6-2005]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-7, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH AFTERCOOLER, TURBOCHARGER, 510 HP A/N: 219445	D961		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 6.24 LBS/1000 GAL DIESEL (1) **[RULE 2011,5-6-2005]**	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL NT-855-F1, SERIAL NO. 10470524, 285 BHP A/N: 192385	D1500		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (3) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 6.24 LBS/1000 GAL DIESEL (1) **[RULE 2011,5-6-2005]**	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CATERPILLAR, MODEL 3406C DITA, 460 BHP A/N: 364686	D1785		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO:** 2.5 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** **NOX:** 6.9 GRAM/BHP-HR DIESEL (4) **[RULE 2005,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **PM10:** 0.38 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996]**	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
				SO2: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005] ; VOC: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
System 4 : RESID RECIRCULATION					
HEATER, RESID RECIRCULATION, 50F-1, INFREQUENTLY OPERATED, NATURAL GAS, REFINERY GAS, WITH 5 S-6 GAS BURNER, 12 MMBTU/HR WITH A/N: 455159 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 3 TOTAL; 12 MMBTU/HR	D833		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5A) [RULE 1146,11-17-2000;*RULE 1146,9-5-2008*] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D90.12, D328.1, E193.16, E318.1, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455159	D2377			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 5 : REFINERY FUEL GAS SYSTEM					S13.2, S15.1
VESSEL, 64C-4, FUEL GAS MIX, HEIGHT: 10 FT; DIAMETER: 10 FT A/N: 314183	D838				

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(6) Denotes air toxic control rule limit
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(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
FILTER, REFINERY FUEL GAS, OFF PLOT, 11 TOTAL, HEIGHT: 6 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 314183	D868				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 314183	D869				H23.34
ABSORBER, 53C-19, EDISON DRYERS A/N: 314183	D1675				
ABSORBER, 53C-20, EDISON DRYERS A/N: 314183	D1676				
System 6 : EMERGENCY POWER GENERATION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 24J-06 , DIESEL FUEL, CATERPILLAR, MODEL 3306DI, WITH AFTERCOOLER, TURBOCHARGER, 345 HP A/N: 273519	D394		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 29J-5, DIESEL FUEL, CATERPILLAR, MODEL 3306 DJ, CATERPILLAR, WITH AFTERCOOLER, TURBOCHARGER, 245 HP A/N: 316831	D1686		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, GENERAC CORPOARATION, MODEL 40DTA-SD075, WITH AFTERCOOLER, TURBOCHARGER, 114 BHP A/N: 366928	D1786		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 0.78 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] NOX: 5.884 GRAM/BHP-HR DIESEL (4) [RULE 2005,5-6-2005] ; PM: 0.328 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996] PM: (9) [RULE 404,2-7-1986] ; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,5-6-2005] ; SOX: 0.184 GRAM/BHP-HR DIESEL (4) [RULE 2005,5-6-2005] VOC: 0.648 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1
System 7 : PROPANE TRANSFER FACILITY					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 225029	D1888			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
System 8 : Odorizing System Serving LPG Rail Car and Tank Truck Rack					S15.1, S15.2
TANK, HOLDING, 64C-5, ODORANT, 250 GALS; DIAMETER: 2 FT 6 IN; LENGTH: 7 FT 10 IN A/N: 391812	D2195				E144.1
TANK, HOLDING, 52C-107, ETHYL MERCAPTAN, SERVING LPG TANK TRUCK RACK, 500 GALS; DIAMETER: 3 FT 1.4 IN; LENGTH: 9 FT 11 IN A/N: 391813	D2196				E144.1
TANK, HOLDING, 51C-111, ETHYL MERCAPTAN, 250 GALS; DIAMETER: 2 FT 6 IN; LENGTH: 7 FT 10 IN A/N: 391814	D2197				E144.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 391812	D1889				H23.34
System 11 : PRODUCT TRANSFERRING					S15.1, S15.2
KNOCK OUT POT, 30C-22 A/N: 280595	D1598				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280595	D1890			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 12 : SLUDGE TRANSFER ODOR CONTROL					
CARBON ADSORBER, 55-GALLON DRUM, SERVING VACUUM TRUCK AT API SEPARATOR A/N: 380822	C1729				E71.5

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
System 13 : FUEL STORAGE AND DISPENSING					
STORAGE TANK, 80D-6, MOTOR GASOLINE, 2000 GALS; DIAMETER: 6 FT; LENGTH: 10 FT A/N: 381031	D963				C1.35, E193.1, J109.1
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, 2 TOTAL A/N: 381031	D965				D182.1, D182.2, D330.1, E193.1, J110.1, J373.1
PIT, PHASE II VAPOR RECOVERY LINE CONDENSATE TRAP A/N: 381031	D966				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 381031	D2010			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 17 : SUMP, COVERED & CONTROLLED					
SUMP, NO. 1 PUMP PAD, WIDTH: 9 FT 11 IN; DEPTH: 11 FT 4 IN; LENGTH: 9 FT 11 IN A/N: 361854	D1783	C1784			
TANK, WITH 6075 GALLON FLEXIBLE CONTAINMENT BLADDER, LENGTH: 16 FT 2 IN; DIAMETER: 8 FT A/N: 361852	C1784	D1783			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 361854	D1794			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 18 : ELECTRICITY GENERATION					
System 1 : COGENERATION SYSTEM					S15.1, S31.2
TURBINE, 24J-01, COGENERATION SYSTEM, BUTANE, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, GE MODEL 52614P, DRIVING A 22.83 MW GENERATOR, 316 MMBTU/HR A/N:	D926	D925	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 210 PPMV (8) [40CFR 60 Subpart GG,2-24-2006] ; PM: 11 LBS/HR (5A) [RULE 475,10-8-1976 *RULE 475,8-7-1978*] ; PM: 0.1 GRAINS/SCF (5B) [RULE 409,8-7-1981] ; PM: 0.01 GRAINS/SCF (5) [RULE 475,10-8-1976 *RULE 475,8-7-1978*] ; SO2: 150 PPMV (8) [40CFR 60 Subpart GG,2-24-2006] ; SO2: 20 PPMV (8A) [40CFR 60 Subpart J,6-24-2008]	A327.1, B61.6, D82.3, H23.15
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 298671	D1811			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
Process 19 : AIR POLLUTION CONTROL PROCESS					
System 1 : REFINERY EMERGENCY RELIEF SYSTEM					S13.2, S18.1
FLARE, ELEVATED WITH STEAM INJECTION, WEST, 65F-3, HEIGHT: 200 FT; DIAMETER: 4 FT A/N: INACTIVE	C891			CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B61.5, D12.6, D323.2, E193.2, H23.13, H23.35, I1.1

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Process 19 : AIR POLLUTION CONTROL PROCESS					
FLARE, ELEVATED WITH STEAM INJECTION, EAST, 65F-4, HEIGHT: 200 FT; DIAMETER: 4 FT A/N: 383364	C892			CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B61.5, D12.6, D323.2, E193.2, H23.13, H23.35, I1.1
FLARE, GROUND FLARE, ZTOF 65F-8, NO. 2, EMERGENCY, PRIMARY, AUTOMATIC STEAM CONTROLS, JOHN ZINK, FOUR STAGE, HEIGHT: 125 FT; DIAMETER: 42 FT A/N:	C894			CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B61.5, D12.10, D323.2, E193.2, H23.13, H23.35, I1.1
KNOCK OUT POT, WEST ELEVATED FLARE, 65C-7, FLARE STACK BASE, HEIGHT: 25 FT; DIAMETER: 12 FT A/N: 431863	D895				
KNOCK OUT POT, EAST ELEVATED FLARE, 65C-8, FLARE STACK BASE, HEIGHT: 33 FT; DIAMETER: 12 FT A/N: 383364	D896				
KNOCK OUT POT, FLARE, 65C-17, (H2S), OUT OF SERVICE, HEIGHT: 22 FT; DIAMETER: 7 FT A/N: 364405	D897				
TANK, FLARE, 65C-21, HIGH PRESSURE SURGE, HEIGHT: 64 FT 4 IN; DIAMETER: 10 FT A/N: 364405	D898				
TANK, FLARE, 65C-22, LOW PRESSURE SURGE, HEIGHT: 64 FT 4 IN; DIAMETER: 10 FT A/N: 364405	D899				

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(6) Denotes air toxic control rule limit
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Process 19 : AIR POLLUTION CONTROL PROCESS					
KNOCK OUT POT, STANDBY FLARE, 65C-2, OUT OF SERVICE, LENGTH: 40 FT; DIAMETER: 10 FT 2 IN A/N: 364405	D1383				
POT, 65C-14, PRIMARY SEAL MOLECULAR SEAL, HEIGHT: 14 FT 6 IN; DIAMETER: 6 FT A/N: 364405	D1384				
KNOCK OUT POT, FLARE, 65C-19, (HYDROCARBON), HEIGHT: 76 FT; DIAMETER: 10 FT A/N: 364405	D1591				
KNOCK OUT POT, FLARE, 65C-20, (HYDROCARBON), HEIGHT: 76 FT; DIAMETER: 10 FT A/N: 364405	D1592				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 364405	D1891			HAP: (10) [40CFR 63 Subpart CC, #SA,6-23-2003]	H23.34
System 3 : Coker Offgas/Central Vapor Recovery Compressor System					S7.5, S13.2, S15.1, S15.14, S18.8
COMPRESSOR, COKER OFF-GAS, 22K-32, 4500 HP MOTOR DRIVER A/N: 450318	D980				H23.34
COMPRESSOR, 22K-36, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D981				E71.6, H23.34

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(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19 : AIR POLLUTION CONTROL PROCESS					
COMPRESSOR, 22K-37, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D982				E71.6, H23.34
COMPRESSOR, 22K-38, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D983				E71.6, H23.34
COMPRESSOR, 22K-39, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D984				E71.6, H23.34
COMPRESSOR, 22K-40, COKER BLOWDOWN GAS, RECIPROCATING, 1500 HP MOTOR A/N: 465674	D985				H23.34
COMPRESSOR, 22K-41, COKER BLOWDOWN GAS, RECIPROCATING, 1500 HP MOTOR A/N: 465674	D986				H23.34
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 465674	D1892			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 5 : EAST BUTANE REFRIGERATION SYSTEM					
ACCUMULATOR, BUTANE, LENGTH: 8 FT; DIAMETER: 3 FT A/N: 422367	D1555				

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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19 : AIR POLLUTION CONTROL PROCESS					
COMPRESSOR, 55K-1, FULLER MODEL CB30, ELECTRIC MOTOR, 15 HP, 60,000 CU.FT./DAY, WITH NITROGEN BARRIER FLUID SEAL SYSTEM A/N: 422367	D1556				H23.34
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422367	D2378			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 6 : CLEAN SERVICE FLARE SYSTEM					
KNOCK OUT POT, 55C-2, CLEAN SERVICE FLARE A/N: 386647	D1557	C1558			
FLARE, 55F-1, CLEAN SERVICE, JOHN ZINK, MODEL STF-S-10 A/N: 386647	C1558	D1557 D1559		CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B61.5, D12.6, D323.1, E193.2, H23.13, H23.35
KNOCK OUT POT, 55C-18, LENGTH: 20 FT; DIAMETER: 5 FT A/N: 386647	D1559	C1558			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 386647	D2379			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 7 : WEST BUTANE REFRIGERATION SYSTEM					S13.2
COMPRESSOR, 200 HP, 2 TOTAL A/N: A86996	D1939				H23.34

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19 : AIR POLLUTION CONTROL PROCESS					
ACCUMULATOR, BUTANE, 50 CU. FT CAPACITY A/N: A86996	D1940				
CONDENSER, SERVING TANK 500X1 A/N: A86996	D1382				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: A86996	D2380			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
Process 20 : GASOLINE BLENDING					P13.1
System 1 : IN-LINE GASOLINE BLENDING					
TANK, 56C-10, PROTO FUEL, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 257498	D1639				
TANK, 56C-11, PROTO FUEL, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 257498	D1640				
TANK, 56C-12, PROTO FUEL, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 257498	D1641				
TANK, 56C-13, PROTO FUEL, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 257498	D1642				
TANK, 56C-14, PROTO FUEL, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 257498	D1643				
TANK, 55D-10, ADDITIVE FEED, 500 BBL A/N: 257498	D1644				

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 20 : GASOLINE BLENDING					P13.1
TANK, 55D-11, ADDITIVE FEED, 500 BBL A/N: 257498	D1645				
TANK, 56D-12, EXCESS FUEL UNDERGROUND, 280 GALS A/N: 257498	D1646				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 257498	D1895			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
Process 21 : R-219 Exempt Equipment Subject to Source-Specific Rules					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E1899				H23.7
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E1900				H23.7
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E1901				H23.8
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E1902				H23.26
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E1904			VOC: (9) [RULE 1107,11-9-2001;*RULE 1107,1-6-2006*;RULE 1171,11-7-2003;*RULE 1171.5-1-2009*]	

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(9) See App B for Emission Limits
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Process 21 : R-219 Exempt Equipment Subject to Source-Specific Rules					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORABLE, ARCHITECTURAL COATINGS	E1905			VOC: (9) [RULE 1113,11-8-1996;*RULE 1113,7-13-2007*;RULE 1171,11-7-2003;*RULE 1171,5-1-2009*]	K67.3
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E2022			VOC: (9) [RULE 1171,11-7-2003;*RULE 1171,5-1-2009*]	H23.27
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E1906				H23.9
RULE 219 EXEMPT EQUIPMENT, LAMINATING EQUIPMENT, LOW USE OR EMISSIONS	E2020			VOC: (9) [RULE 1168,10-3-2003;*RULE 1168,1-7-2005*;RULE 1171,11-7-2003;*RULE 1171,5-1-2009*]	H23.29
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
System 2 : 42 S/T, Top Layer GW/Free Hydrocarbon Products Recovery					S4.2
STORAGE TANK, FIXED ROOF, #1, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404816	D2027	C2028		BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404816	C2028	D2027			D90.5, D94.1, E128.1, E153.1

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Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #2, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404817	D2029	C2033		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404817	C2033	D2029			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #3, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404819	D2030	C2034		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404819	C2034	D2030			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #4, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404820	D2031	C2035		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63

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(5)(5A)(5B) Denotes command and control emission limit
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(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404820	C2035	D2031			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #5, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404821	D2032	C2036		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404821	C2036	D2032			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #6, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404822	D2037	C2051		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404822	C2051	D2037			D90.5, D94.1, E128.1, E153.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #7, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404823	D2038	C2052		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404823	C2052	D2038			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #8, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404825	D2039	C2053		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404825	C2053	D2039			D90.5, D94.1, E128.1, E153.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #9, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404826	D2040	C2054		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404826	C2054	D2040			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #10, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404827	D2041	C2055		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404827	C2055	D2041			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #11, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404828	D2042	C2056		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404828	C2056	D2042			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #12, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404829	D2043	C2057		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404829	C2057	D2043			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #13, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404832	D2044	C2058		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404832	C2058	D2044			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #14, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404833	D2045	C2059		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404833	C2059	D2045			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #15, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404834	D2046	C2060		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404834	C2060	D2046			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #16, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404835	D2047	C2061		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404835	C2061	D2047			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #17, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404837	D2048	C2062		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404837	C2062	D2048			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #18, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404839	D2049	C2063		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404839	C2063	D2049			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #19, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404841	D2050	C2064		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404841	C2064	D2050			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #20, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404842	D2065	C2068		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404842	C2068	D2065			D90.5, D94.1, E128.1, E153.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #21, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404843	D2066	C2069		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404843	C2069	D2066			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #22, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404844	D2067	C2070		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404844	C2070	D2067			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #23, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404845	D2071	C2072		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404845	C2072	D2071			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #24, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404847	D2073	C2079		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404847	C2079	D2073			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #25, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404848	D2074	C2080		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404848	C2080	D2074			D90.5, D94.1, E128.1, E153.1

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #26, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404849	D2075	C2081		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404849	C2081	D2075			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #27, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404850	D2076	C2082		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404850	C2082	D2076			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #28, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404851	D2077	C2083		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	C1.63

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404851	C2083	D2077			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #29, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT; LENGTH: 4 FT 5 IN A/N: 404853	D2078	C2084		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404853	C2084	D2078			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #30, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404854	D2085	C2086		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404854	C2086	D2085			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #31, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404855	D2087	C2093		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404855	C2093	D2087			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #32, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404856	D2088	C2094		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404856	C2094	D2088			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #33, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404858	D2089	C2095		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404858	C2095	D2089			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #34, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404859	D2090	C2096		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404859	C2096	D2090			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #35, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404860	D2091	C2097		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404860	C2097	D2091			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #36, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404862	D2092	C2098		**BENZENE: 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404862	C2098	D2092			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #37, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404863	D2099	C2105		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404863	C2105	D2099			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #38, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404864	D2100	C2106		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404864	C2106	D2100			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #39, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404865	D2101	C2107		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404865	C2107	D2101			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #40, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404866	D2102	C2108		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; VOC: 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404866	C2108	D2102			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #41, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404868	D2103	C2109		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404868	C2109	D2103			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #42, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404869	D2104	C2110		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404869	C2110	D2104			D90.5, D94.1, E128.1, E153.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
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D4	4	1	4
D5	1	1	1
D6	2	1	2
D7	2	1	2
D8	2	1	2
D21	4	1	4
D22	5	1	4
D23	1	1	1
D35	2	1	2
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D58	7	2	1
D59	7	2	1
D60	8	2	1
D61	8	2	1
D62	8	2	1
D63	8	2	1
D64	8	2	1
D65	8	2	1
D66	8	2	1
D68	9	2	1
D71	9	2	1
D83	14	2	6
D84	14	2	6
D85	15	2	6
D86	9	2	2
D87	9	2	2
D88	9	2	2
D89	10	2	2
D90	10	2	2
D91	10	2	2
D92	10	2	2
D93	10	2	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
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D95	10	2	2
D96	10	2	2
D97	11	2	2
D98	11	2	2
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D121	11	2	2
D129	11	2	3
D130	13	2	3
D137	13	2	4
D138	13	2	4
D141	13	2	5
D142	14	2	5
D143	14	2	5
D151	20	3	1
D152	25	3	5
D153	25	3	5
D154	25	3	5
D155	19	3	1
D156	19	3	1
D163	26	3	5
C164	22	3	2
C165	23	3	2
C166	23	3	2
D167	23	3	3
D168	24	3	3
D169	28	4	1
D170	28	4	1
D171	28	4	1
D172	28	4	1
D173	28	4	1
D174	28	4	1
D175	28	4	1
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SECTION D: DEVICE ID INDEX

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Device ID	**Section D Page No.**	**Process**	**System**
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D190	29	4	1
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D194	30	4	1
D196	30	4	1
D197	30	4	1
D198	30	4	1
D200	30	4	1
D201	30	4	1
D202	30	4	1
D206	30	4	1
D221	30	4	1
D224	31	4	1
D225	31	4	1
D227	31	4	1
D228	31	4	1
D229	31	4	1
D230	31	4	1
D231	32	4	2
D232	32	4	2
C233	33	4	2
D234	33	4	2
D235	33	4	2
C236	34	4	2
D237	42	5	1
D238	42	5	1
D239	42	5	1
D240	43	5	1
D241	43	5	1
D242	43	5	1
D243	43	5	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
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D245	43	5	1
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D247	43	5	1
D248	44	5	1
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D270	37	4	4
D271	44	5	2
D272	44	5	2
D273	44	5	2
D274	44	5	2
D275	44	5	2
D276	44	5	2
D277	45	5	2
D278	45	5	2
D300	45	5	2
C301	46	5	5
D302	34	4	3
D303	34	4	3
D304	34	4	3
D305	35	4	3
D306	35	4	3
D307	35	4	3
D308	35	4	3
D309	35	4	3
D312	35	4	3
D313	35	4	3
D314	35	4	3
D329	36	4	3
D330	36	4	3
D331	36	4	3
D344	47	6	1
D345	47	6	1
D346	47	6	1
D348	47	6	1
D349	48	6	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D350	48	6	1
D351	48	6	1
D352	48	6	1
D355	48	6	1
D356	48	6	1
D357	48	6	1
D358	48	6	1
D360	48	6	1
D367	51	6	3
D368	50	6	2
D369	49	6	2
D370	50	6	2
D371	49	6	2
D372	50	6	2
D385	49	6	2
D386	50	6	2
D387	50	6	2
D390	49	6	2
D392	50	6	2
D394	153	17	6
C395	52	6	4
D396	53	7	1
D397	53	7	1
D398	53	7	1
D399	53	7	1
D400	54	7	1
D401	54	7	1
D402	54	7	1
D403	54	7	1
D404	54	7	1
D411	54	7	1
D412	54	7	1
D413	54	7	1
D425	55	7	1
D426	55	7	1
D427	55	7	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D428	55	7	1
D437	55	7	1
D448	60	8	1
D449	60	8	1
D450	60	8	1
D452	60	8	1
D453	61	8	1
D454	61	8	1
D455	61	8	1
D458	61	8	1
D459	61	8	1
D460	61	8	1
D461	61	8	1
D464	61	8	1
D465	62	8	1
D466	62	8	1
D467	62	8	1
D468	62	8	1
D469	62	8	1
D471	62	8	1
D472	62	8	1
D473	62	8	1
D474	63	8	1
D475	63	8	1
D479	73	9	6
D480	63	8	2
D481	63	8	2
D482	67	9	1
D483	67	9	1
D484	67	9	1
D485	67	9	1
D486	68	9	1
D487	68	9	1
D488	68	9	1
D489	68	9	1
D490	68	9	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D491	68	9	1
D492	68	9	1
D493	68	9	1
D494	69	9	1
D495	69	9	1
D496	69	9	1
D497	69	9	1
D498	70	9	2
D499	70	9	2
D500	70	9	2
D501	70	9	2
D502	70	9	2
D503	71	9	2
D504	71	9	2
D505	71	9	2
D506	71	9	2
D507	71	9	2
D508	71	9	2
D509	71	9	2
D525	71	9	2
D542	72	9	2
D543	72	9	2
D557	38	4	5
D558	38	4	5
D559	38	4	5
D560	38	4	5
D561	38	4	5
D562	38	4	5
D563	38	4	5
D564	38	4	5
D565	39	4	5
D567	39	4	5
D568	39	4	5
D569	39	4	5
D570	39	4	5
D571	39	4	5

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D572	39	4	5
D574	40	4	5
D575	40	4	5
D576	40	4	5
D579	73	11	1
D580	74	11	1
D581	74	11	1
D582	74	11	1
D583	74	11	1
D584	74	11	1
D585	74	11	1
D586	74	11	1
D587	75	11	1
D588	75	11	2
D589	75	11	2
D590	76	11	2
D594	75	11	1
D595	75	11	1
D603	82	11	8
D606	82	11	8
D608	82	11	8
D609	82	11	8
D610	83	11	8
D612	80	11	5
D613	80	11	5
D614	80	11	5
D615	80	11	5
D616	80	11	5
D617	80	11	5
C626	94	13	8
D627	80	11	6
D628	81	11	6
D629	81	11	6
D630	81	11	6
D631	81	11	6
D632	81	11	7

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D633	81	11	7
D636	83	11	9
D637	83	11	9
D638	83	11	9
D639	84	11	10
D640	84	11	10
D642	84	11	11
D643	84	11	11
D644	93	13	6
D651	85	12	1
D652	87	12	2
D653	90	12	3
D655	89	12	3
D657	82	11	7
D661	90	12	3
D663	86	12	1
D664	88	12	2
D666	86	12	1
D667	86	12	1
D668	87	12	1
D669	88	12	2
D670	88	12	2
D671	89	12	2
D675	91	13	1
D680	95	14	1
D681	95	14	1
D683	95	14	1
D684	95	14	1
D685	96	14	1
C686	97	14	2
C687	97	14	2
D688	96	14	2
D689	95	14	1
D690	97	15	1
D691	97	15	1
D692	98	15	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D693	98	15	1
D694	98	15	1
D695	98	15	1
D696	98	15	1
D697	98	15	1
D698	98	15	1

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D699	99	15	1
D700	99	15	1
D701	136	15	6
D702	99	15	1
D703	104	15	2
D704	99	15	1
D705	96	14	1
D706	99	15	1
D708	99	15	1
D711	99	15	1
D712	100	15	1
D713	100	15	1
D714	100	15	1
D715	100	15	1
D716	100	15	1
D718	100	15	1
D719	100	15	1
D720	101	15	1
D721	101	15	1
D722	101	15	1
D724	101	15	1
D725	105	15	2
D726	101	15	1
D727	101	15	1
D728	102	15	1
D729	125	15	6
D730	105	15	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D731	106	15	2
D732	106	15	2
D733	107	15	2
D734	140	15	6
D735	141	15	6
D736	107	15	2
D737	107	15	2
D738	108	15	2
D739	108	15	2
D740	136	15	6
D741	109	15	2
D742	139	15	6
D743	140	15	6
D744	125	15	6
D745	135	15	6
D746	135	15	6
D747	126	15	6
D748	109	15	2
D749	110	15	2
D750	110	15	2
D751	111	15	2
D752	127	15	6
D753	127	15	6
D754	128	15	6
D755	134	15	6
D756	134	15	6
D757	132	15	6
D758	137	15	6
D759	141	15	6
D760	142	15	6
D761	138	15	6
D762	139	15	6
D763	138	15	6
D764	133	15	6
D765	111	15	2
D766	112	15	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D767	112	15	2
D768	129	15	6
D769	113	15	2
D770	113	15	2
D771	114	15	2
D772	114	15	2
D773	115	15	2
D774	115	15	2
D775	137	15	6
D776	129	15	6
D777	132	15	6
D778	130	15	6
D779	131	15	6
D780	120	15	3
D781	120	15	3
D782	120	15	3
D783	120	15	3
D784	120	15	3
D785	121	15	3
D786	121	15	3
D787	121	15	3
D788	121	15	3
D789	121	15	3
D790	121	15	3
D791	122	15	3
D792	122	15	3
D793	122	15	3
D794	122	15	3
D795	122	15	3
D796	122	15	3
D797	122	15	3
D798	123	15	3
D799	123	15	3
D800	123	15	3
D801	123	15	3
D802	123	15	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D803	146	16	1
D805	146	16	1
D830	116	15	2
D831	116	15	2
D832	117	15	2
D833	152	17	4
D838	152	17	5
D868	153	17	5
D869	153	17	5
C891	157	19	1
C892	158	19	1
C894	158	19	1
D895	158	19	1
D896	158	19	1
D897	158	19	1
D898	158	19	1
D899	158	19	1
D913	5	1	6
D914	5	1	6
D915	102	15	1
C916	6	1	6
D917	16	2	6
D918	16	2	6
D919	13	2	3
D920	25	3	4
D922	45	5	4
C923	46	5	4
D924	46	5	5
D925	51	6	3
D926	157	18	1
D927	56	7	2
D928	57	7	2
D929	58	7	2
D930	59	7	2
D931	59	7	2
D933	65	8	6

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D934	65	8	6
D935	65	8	6
D936	66	8	6
D937	66	8	7
D939	66	8	8
C940	67	8	8
D947	66	8	7
D949	41	4	6
D950	41	4	6
C952	91	12	5
D955	150	17	3
D957	150	17	3
D959	150	17	3
D961	151	17	3
D963	156	17	13
D965	156	17	13
D966	156	17	13
D980	159	19	3
D981	159	19	3
D982	160	19	3
D983	160	19	3
D984	160	19	3
D985	160	19	3
D986	160	19	3
S1010	34	4	2
D1192	65	8	5
D1193	65	8	5
D1194	65	8	5
D1195	73	9	5
D1196	73	9	5
D1202	36	4	3
D1203	49	6	2
D1204	36	4	3
D1206	69	9	1
D1207	69	9	1
D1208	72	9	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1209	72	9	2
D1210	72	9	2
D1220	133	15	6
D1236	147	16	1
C1238	148	16	1
D1239	148	16	1
C1241	149	16	1
D1244	36	4	3
D1250	4	1	3
D1256	31	4	1
D1260	31	4	1
D1264	49	6	1
D1265	49	6	1
D1266	50	6	2
D1269	55	7	1
D1276	55	7	1
D1277	56	7	1
D1278	56	7	1
D1279	56	7	1
D1280	56	7	1
D1287	69	9	1
D1298	69	9	1
D1299	70	9	1
D1303	72	9	2
D1311	76	11	2
D1314	76	11	3
D1316	85	11	12
D1318	76	11	3
D1320	84	11	12
D1322	85	11	12
D1324	85	11	12
D1326	77	11	3
D1328	85	11	12
D1330	85	11	12
D1333	77	11	3
D1335	77	11	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1341	85	11	12
D1366	90	12	3
D1368	90	12	3
D1375	91	12	6
D1376	96	14	2
D1377	96	14	2
D1379	123	15	3
D1382	162	19	7
D1383	159	19	1
D1384	159	19	1
D1403	58	7	2
D1417	102	15	1
D1418	124	15	3
D1419	102	15	1
D1425	104	15	1
D1428	102	15	1
D1437	102	15	1
D1439	124	15	3
D1470	92	13	2
D1474	93	13	5
D1475	93	13	5
D1500	151	17	3
D1511	21	3	1
D1520	92	13	4
D1526	92	13	3
D1527	92	13	3
D1552	56	7	1
D1554	144	15	7
D1555	160	19	5
D1556	161	19	5
D1557	161	19	6
C1558	161	19	6
D1559	161	19	6
D1560	93	13	5
C1561	93	13	5
D1589	19	3	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
C1590	22	3	2
D1591	159	19	1
D1592	159	19	1
D1598	155	17	11
D1636	20	3	1
D1639	162	20	1
D1640	162	20	1
D1641	162	20	1
D1642	162	20	1
D1643	162	20	1
D1644	162	20	1
D1645	163	20	1
D1646	163	20	1
D1651	63	8	3
D1652	64	8	3
D1653	64	8	3
D1654	64	8	3
D1655	64	8	3
D1659	64	8	3
D1660	64	8	3
D1661	64	8	4
D1675	153	17	5
D1676	153	17	5
D1681	149	17	2
D1685	103	15	1
D1686	153	17	6
C1729	155	17	12
S1731	6	1	6
S1732	52	6	3
S1739	22	3	1
D1740	26	3	5
D1741	40	4	5
D1742	40	4	5
D1743	117	15	2
D1747	118	15	2
D1751	118	15	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1755	119	15	2
D1763	124	15	5
S1766	94	13	8
D1773	94	14	1
D1775	96	14	2
D1783	156	17	17
C1784	156	17	17
D1785	151	17	3
D1786	154	17	6
D1787	104	15	1
D1788	2	1	1
D1789	6	1	6
D1790	9	2	1
D1791	11	2	2
D1792	13	2	4
D1793	14	2	5
D1794	156	17	17
D1800	22	3	1
D1803	32	4	1
D1805	34	4	2
D1807	52	6	3
D1808	44	5	1
D1809	45	5	2
D1810	36	4	3
D1811	157	18	1
D1815	49	6	1
D1819	56	7	1
D1825	63	8	1
D1826	66	8	7
D1827	64	8	3
D1828	65	8	4
D1829	73	9	5
D1830	70	9	1
D1831	72	9	2
D1834	40	4	5
D1838	76	11	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1839	83	11	8
D1840	80	11	5
D1842	78	11	3
D1844	94	13	8
D1845	81	11	6
D1847	93	13	6
D1849	87	12	1
D1850	89	12	2
D1851	91	12	3
D1853	91	12	5
D1860	96	14	1
D1862	103	15	1
D1863	120	15	2
D1864	124	15	3
D1865	125	15	5

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1877	150	17	2
D1888	154	17	7
D1889	155	17	8
D1890	155	17	11
D1891	159	19	1
D1892	160	19	3
D1895	163	20	1
D1897	103	15	1
D1898	103	15	1
E1899	163	21	0
E1900	163	21	0
E1901	163	21	0
E1902	163	21	0
E1904	163	21	0
E1905	164	21	0
E1906	164	21	0
D1907	96	14	1
D1909	86	12	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1910	86	12	1
D1911	86	12	1
D1912	87	12	1
D1913	88	12	2
D1914	88	12	2
D1915	55	7	1
D1916	142	15	7
D1917	143	15	7
D1918	143	15	7
D1919	143	15	7
D1920	143	15	7
D1924	103	15	1
D1925	104	15	1
D1926	143	15	7
D1927	144	15	7
D1928	144	15	7
D1929	144	15	7
D1930	144	15	7
D1936	50	6	2
D1937	3	1	2
D1938	97	14	2
D1939	161	19	7
D1940	162	19	7
D1942	88	12	2
D1943	89	12	2
D1944	86	12	1
D1945	88	12	2
D1946	90	12	3
D1947	90	12	3
D1948	90	12	3
D1949	90	12	3
S1953	91	12	5
D1955	92	13	2
D1956	92	13	4
D1957	65	8	5
S1971	51	6	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
S1972	59	7	2
S1975	60	7	2
D1983	75	11	1
D1987	82	11	7
D1988	83	11	9
D2005	124	15	3
D2007	86	12	1
D2008	88	12	2
D2009	149	16	1
D2010	156	17	13
S2018	97	14	2
S2019	97	14	2
E2020	164	21	0
S2021	51	6	3
E2022	164	21	0
D2023	144	15	7
D2024	145	15	7
D2025	145	15	7
D2026	145	15	7
D2027	164	22	2
C2028	164	22	2
D2029	165	22	2
D2030	165	22	2
D2031	165	22	2
D2032	166	22	2
C2033	165	22	2
C2034	165	22	2
C2035	166	22	2
C2036	166	22	2
D2037	166	22	2
D2038	167	22	2
D2039	167	22	2
D2040	168	22	2
D2041	168	22	2
D2042	169	22	2
D2043	169	22	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2044	170	22	2
D2045	170	22	2
D2046	171	22	2
D2047	171	22	2
D2048	172	22	2
D2049	172	22	2
D2050	173	22	2
C2051	166	22	2
C2052	167	22	2
C2053	167	22	2
C2054	168	22	2
C2055	168	22	2
C2056	169	22	2
C2057	169	22	2
C2058	170	22	2
C2059	170	22	2
C2060	171	22	2
C2061	171	22	2
C2062	172	22	2
C2063	172	22	2
C2064	173	22	2
D2065	173	22	2
D2066	174	22	2
D2067	174	22	2
C2068	173	22	2
C2069	174	22	2
C2070	174	22	2
D2071	174	22	2
C2072	175	22	2
D2073	175	22	2
D2074	175	22	2
D2075	176	22	2
D2076	176	22	2
D2077	176	22	2
D2078	177	22	2
C2079	175	22	2

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EXXONMOBIL OIL CORPORATION

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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D2146	76	11	2
D2192	75	11	2
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D2194	2	1	1
D2195	155	17	8
D2196	155	17	8
D2197	155	17	8
D2214	76	11	3
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D2220	78	11	4
D2221	78	11	4
D2222	78	11	4
C2223	78	11	4
D2224	78	11	4
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D2300	18	2	8
D2301	18	2	8
D2302	18	2	8
D2303	18	2	8
D2305	20	3	1
D2307	20	3	1
D2309	21	3	1
D2310	21	3	1
D2311	21	3	1
D2312	21	3	1
D2313	21	3	1
C2314	22	3	2
D2316	24	3	3
C2317	24	3	3
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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D2370	46	5	4
D2371	46	5	5
D2372	60	7	2
D2373	63	8	2
D2374	66	8	6
D2375	142	15	6
D2376	145	15	7
D2377	152	17	4
D2378	161	19	5
D2379	161	19	6
D2380	162	19	7
D2383	67	8	8
D2384	12	2	3
D2385	12	2	3
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

(a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)

(b) In-line Mixer

(c) Pump

(d) Knockout Pot - Compressor inlet (immediate inlet) and interstage

(e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001]

F34.1 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR79
40CFR80
California Code of Regulations, Title 13, Division 3, Chapter 5

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL CASE No. 05 C 5809. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled

40CFR60, Subpart A

40CFR61 Subpart A

40CFR63, Subpart A

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

PROCESS CONDITIONS

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22, 23]

SYSTEM CONDITIONS

S1.2 The operator shall limit the production rate to no more than 1.4e+06 ton(s) in any one year.

The purpose(s) of this condition is to limit production rate without increasing the maximum allowable PM10 emissions based on existing production capacity and not triggering New Source Review. This production limitation shall be reassessed if a different emission factor for PM10 is deemed more apprpriate for this process by the District.

The purpose(s) of this condition is to limit the coke production for both North and South Delayed Coking Units at 1400000 dry tons/yr.

The purpose(s) of this condition is to require Mobil to maintain production records on a monthly basis on site, and available for District inspection.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 1 , 2]

S1.3 The operator shall limit the throughput to no more than 300000 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 9]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S1.4 The operator shall limit the throughput to no more than 1400000 ton(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 3]

S1.5 The operator shall limit the throughput to no more than 8000 ton(s) in any one day.

Throughput shall be defined as coke material with a moisture content of 10 % or less

[RULE 1303, 5-10-1996]

[Systems subject to this condition : Process 2, System 7]

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 2.5 lbs/mmscf of hydrogen produced

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 6, System 1 , 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S4.1 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applciations: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21

All new valves & flanges in VOC service except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may revert to quarterly inspection upon District approval, after 2 consecutive monthly inspecitons in which only 2 percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv, repair shall be attempted within 5 days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 3, System 1 , 5; Process 4, System 1; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 6; Process 9, System 1 , 2; Process 11, System 3 , 4; Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S4.2 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

The operator shall monitor the groundwater extraction well caps, pumps (except submerged pump(s)), fittings, and hatches with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 22, System 2]

S4.3 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

The operator shall monitor the pumps (except submerged pump(s)) and valves located before the liquid phase activated carbon, the groundwater extraction well caps, and process drains with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 22, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S7.2 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not operate this equipment unless the vessel receiver (10C-9), additive storage tank (10D-1) and the two steam ejectors (10H-1A/B and 10H-2A/B) are vented to a vapor recovery system whenever they are in use.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g., drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 8, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S7.3 The following conditions shall apply to all refinery operation and related devices from this system:

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g., drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 8, System 4]

S7.5 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified Environmental Impact Report dated 12-October-2001.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 8, System 5; Process 13, System 1 , 3 , 4 , 11; Process 19, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S7.6 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not use this system to process wastewater having VOC content of 5 mg per liter or more as determined by test method specified in District Rule 1176.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 14, System 4]

S7.9 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall only inject the SOx reducing catalyst (GRACE Davison Super DESOX) into the regenerator as research catalyst during R441 experimental period

The operator shall keep records, in a manner approved by the District, for the usage of SOx reducing catalyst (GRACE Davison Super DESOX) during the experimental period

The AQMD shall be notified at least 3 days prior to the start date of each trial

The operator shall provide to the District an experimental report including, but not limited to, the SOx emission data, no later than 45 days after each trial

The operator shall provide to the District an experimental report including, but not limited to, the NOx emission data, no later than 45 days after each trial

This Rule 441 research shall expire November 26, 2009, or sooner if the research has been completed. Should extension be necessary, a written request shall be submitted to the AQMD by October 26, 2009, stating the length and reason for the extension

[RULE 441, 5-7-1976]

[Systems subject to this condition : Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Systems subject to this condition : Process 2, System 3 , 7 , 8]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 2 , 4 , 7; Process 2, System 1 , 2 , 4 , 5; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 17, System 5; Process 19, System 1 , 3 , 7; Process 22, System 1; Process 23, System 1]

S13.3 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	District Rule	463

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **RULE 463, 5-6-2005]**

[Systems subject to this condition : Process 15, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1178

[RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 15, System 1 , 2 , 5]

S13.5 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1189

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 6, System 1 , 2]

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Systems subject to this condition : Process 12, System 1 , 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.7 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX

[RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003]

[Systems subject to this condition : Process 13, System 3 , 4]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Systems subject to this condition : Process 13, System 9]

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 1, System 3; Process 14, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

For Rule 463 applicability, only division (d) in the 11 March 1994 amendment, or equivalent requirements in the future amendments, shall apply to the domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005]**

[Systems subject to this condition : Process 15, System 6]

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	40CFR60, SUBPART	QQQ

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Systems subject to this condition : Process 14, System 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.1 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown flare system except Devices IDs D35, D1250, D2145, D57 TO D62, D71, D68, D86-D91, D98, D152, D237, D349, D360, D629, D630, D631, D657, D638, D668, D671, D1503-D1505, D1507 that vent to the atmosphere.

This process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 4 , 7; Process 2, System 1 , 2 , 4 , 5; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 12, System 1 , 2 , 3 , 4; Process 13, System 1 , 2 , 3 , 4; Process 17, System 5 , 8 , 11; Process 18, System 1; Process 19, System 3; Process 23, System 1]

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1 , 2; Process 2, System 4 , 5; Process 3, System 5; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2; Process 12, System 1 , 2; Process 13, System 1 , 2 , 3 , 4; Process 17, System 8 , 11]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the sulfur recovery unit is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 11, System 4 , 6 , 7 , 9 , 10 , 11]

S15.5 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a sulfur vapor collection system.

This process/system shall not be operated unless the vapor collection system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 6; Process 13, System 6]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor control system.

This process/system shall not be operated unless the vapor control system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 7 , 9]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.7 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor recovery system except devices IDs 57 to 62, 71, 86 to 91, and 98 that vent to the atmosphere.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 1 , 2]

S15.8 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located within this system.

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 1]

S15.9 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located within this system or the absorber located in the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.10 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1; Process 4, System 5]

S15.11 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Unsaturate Gas Plant (P9/S2) or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 3, System 5]

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 5, System 1 , 2; Process 7, System 1]

S15.14 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Fuel Gas Treating Unit (P11/S3), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 3]

S15.15 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to the vapor recovery system and/or flare.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

This process/system shall not be operated unless the flare is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 6]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.16 The vent gases from all affected devices of this process/system shall be vented as follows:

All blowdown water shall be directed to the vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 15, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Hydrogen Production (Process: 6, System: 1 & 2)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12)

Fluid Catalytic Cracking Unit (Process: 3, System: 1, 5 & 7)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1)

Air Pollution Control Process (Process: 19, System: 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3, 4 & 7)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4,& 5)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3, 4 & 6)

Sulfur Production Process (Process: 12, System: 1, 2, 3 & 4)

Electricity Generation (Process: 18, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrocracking Unit (Process: 7, System: 1)

Platinum Reformer Unit (Process: 5, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 1]

S18.3 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Treating/Stripping Units (Process: 11, System: 6, 7, 9, 10 & 11)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 1 , 2]

S18.4 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Storage (Process: 12, System: 6)

Sulfur Loading (Process: 13, System: 6)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 7]

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.5 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Vapor Collection System (Process: 13, System: 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 8]

S18.6 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Resid Loading Sytem (Process: 13, System: 9)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 10]

S18.7 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Wastewater Treatment System (Process: 14, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 14, System 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.8 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Catalyst Regeneration Process (Process: 10, System: 1)

Hydrogen Production (Process: 6, System: 1 & 2)

Gasoline Blending (Process: 20, System: 1)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3 & 5)

Fluid Catalytic Cracking Unit (Process: 3, System: 1 & 5)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1)

Crude Distillation Unit (Process: 1, System: 1, 2, 3 & 4)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4,& 5)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3 & 4)

Dehydrator Unit (Process: 17, System: 16)

Pressurized storage tanks (Process: 15, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.12 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Production, Claus Trains A & B (Process: 12, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 3 , 4]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 384499, 385155, 389291, 389292, 411508, 411586, 422931, 435110 & 435111:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 1 , 3; Process 6, System 2; Process 9, System 6; Process 13, System 1 , 3 , 4 , 11; Process 18, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 435112 & subsequent application number 475236:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to converting AN 435112 and subsequent AN 475236 from PC to PO (Process 11, System 12):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 11, Systems 3 & 4 (ANs 422300 & 377122), which were combined with System 12 in the previously issued permit, for NSR adjustment

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 11, System 3 , 4 , 12]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 448496:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to converting AN 448496 from PC to PO (Process 1, System 4):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 1, Systems 1 & 4 (ANs 431770 & 448496), which were combined with System 1 in the previously issued permit, for NSR adjustment

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 4]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S42.2 The operator shall not operate the FCCU unless the operator complies with the emission limits of the following rule by May 30, 2009 or 90 days from the date of start up of the FCCU from turnaround, whichever is earlier:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
NH3	District Rule	1105.1

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

1. Award contract(s) to construct and install the control technology by May 1, 2007

2. Begin construction of the control technology permitted by the AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later. These dates may be extended in writing by the Executive Officer upon request by ExxonMobil if the CEQA document is not finalized by July 1, 2007. Any such extension(s) shall not be for a period of more than five months after the original dealine listed in this paragraph.

3. Start operation of at least one (1) new ESP (i.e., either C2283 or C2284) along with two (2) existing ESPs, C165 and C166) to ensure compliance with Rule 1105.1(d)(1) by March 1, 2009 with the startup of the FCCU. If one (1) new ESP is operated, the inlet flowrate to the ESP shall not exceed 160,000 dscfm

4. Comply with all Rule 1105.1(d)(1) requirements no later than May 30, 2009, or 90 days after the startup of the FCCU, whichever is earlier

[RULE 1105.1, 11-7-2003]

[Systems subject to this condition : Process 3, System 1; Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S46.1 The following conditions shall apply to VOC service fugitive components in this system:

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that triggered BACT for VOCs issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All new pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new sampling connections shall be closed-purge, closed-loop, or closed-vent system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 8, System 5]

DEVICE CONDITIONS

A. Emission Limits

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than 10 Percent opacity

The emission limit applies for discharges of duration of greater than 3 minutes in any one hour

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D129, D130, D919, D2291, D2292, D2293, D2294, D2295, D2296, D2297, D2298, D2299, D2300, D2301, D2302, D2303, D2331, D2332, D2333, D2334, D2335, D2389]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 30 Percent opacity

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D151]

A72.1 The operator shall maintain this equipment to achieve a minimum overall control efficiency of 95 percent for VOC during the normal operation of the equipment it vents.

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : C686, C687]

A195.1 The 9 PPMV NOX emission limit(s) is averaged over 15 minutes corrected to 15% excess oxygen, dry basis.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D925]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D926]

A327.2 For the purpose of determining compliance with District Rule 476, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 476, 10-8-1976]

[Devices subject to this condition : D803, D805, D1236, D1239]

B. Material/Fuel Type Limits

B22.1 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D692, D730, D747, D773, D774, D776, D778, D779]

B22.3 The operator shall only use this equipment with materials having a(n) true vapor pressure of 5.23 psia or less under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1763]

B22.5 The operator shall not use this equipment with materials having a(n) Reid vapor pressure of 13 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D708]

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The operator shall comply with the terms and conditions set forth below:

B22.8 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D751]

B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D716, D719]

B22.10 The operator shall not use this equipment with materials having a(n) true vapor pressure of 4 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D765]

B22.11 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.13 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1743, D1747, D1751, D1755]

B59.1 The operator shall only use the following material(s) in this device :

Finished Gasoline, Oxygenated gasoline additives, Dehexanizer overhead/bottoms, Alkylate, Light/Heavy FCC, Light/heavy hydrocracked naphtha, Reformate, Light straight run, Hydrotreated naphtha, Isooctane/isooctene, Raffinate, Cat poly gasoline, RBOB

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-5-2009]

[Devices subject to this condition : D761, D762]

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The operator shall comply with the terms and conditions set forth below:

B59.2 The operator shall only use the following material(s) in this device :

Diesel fuel, acid soluble oil, clarified slurry oil, vacuum gas oil, light vacuum gas oil, full range vacuum gas oil, heavy vacuum gas oil, ligh cycle oil

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D702]

B61.1 The operator shall only use fuel gas containing the following specified compounds:

Compound	ppm by volume
total sulfur calculated as H2S less than	100

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D925, D1236, D1239]

B61.2 The operator shall only use diesel fuel containing the following specified compounds:

Compound	weight percent
Sulfur less than or equal to	0.05

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.3 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D270, D367, D833, D913, D914, D917, D918, D920, D925, D927, D928, D929, D930, D931, D949, D950, D1403]

B61.5 The operator shall not use (or combust) vent gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

The 160 ppmv limit is averaged over three hours, excluding any vent gas resulting from an emergency, shutdown, startup, process upset or relief valve leakage

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C891, C892, C894, C1558]

B61.6 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

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The operator shall comply with the terms and conditions set forth below:

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the firing rate to no more than 108 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D920]

C1.2 The operator shall limit the firing rate to no more than 129 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D930]

C1.3 The operator shall limit the firing rate to no more than 73 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D931]

C1.4 The operator shall limit the fuel usage to no more than 1.6 MM cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as gas usage.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D917]

C1.5 The operator shall limit the firing rate to no more than 64 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D950]

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The operator shall comply with the terms and conditions set forth below:

C1.6 The operator shall limit the number of turnovers to no more than 146 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D692]

C1.7 The operator shall limit the number of turnovers to no more than 39 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D716]

C1.8 The operator shall limit the throughput to no more than 5000000 barrels in any one calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D776]

C1.9 The operator shall limit the throughput to no more than 9250000 barrels in any one calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D778, D779]

C1.10 The operator shall limit the number of turnovers to no more than 34 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D724]

C1.11 The operator shall limit the number of turnovers to no more than 41 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D773, D774]

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The operator shall comply with the terms and conditions set forth below:

C1.12 The operator shall limit the firing rate to no more than 931 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005]

[Devices subject to this condition : D925]

C1.13 The operator shall limit the number of turnovers to no more than 40 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D726]

C1.14 The operator shall limit the firing rate to no more than 340 MM Btu per hour.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1236, D1239]

C1.15 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]**

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

C1.17 The operator shall limit the throughput to no more than 1.59505e+07 barrel(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1763]

C1.18 The operator shall limit the number of turnovers to no more than 24.5 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1685]

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The operator shall comply with the terms and conditions set forth below:

C1.19 The operator shall limit the throughput to no more than 216720 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1925]

C1.20 The operator shall limit the throughput to no more than 1000 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1926]

C1.21 The operator shall limit the throughput to no more than 1517 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1927]

C1.22 The operator shall limit the throughput to no more than 8333 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1928, D1929]

C1.23 The operator shall limit the throughput to no more than 1473 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1930]

C1.25 The operator shall limit the throughput to no more than 4442 gallon(s) per month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1917]

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The operator shall comply with the terms and conditions set forth below:

C1.26 The operator shall limit the throughput to no more than 2000 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1918]

C1.27 The operator shall limit the throughput to no more than 1474 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1919]

C1.29 The operator shall limit the throughput to no more than 220000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 percent, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D742, D743]

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The operator shall comply with the terms and conditions set forth below:

C1.30 The operator shall limit the throughput to no more than 737000 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D757]

C1.31 The operator shall limit the throughput to no more than 703500 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet per month..

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis..

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than .8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy..

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1220]

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The operator shall comply with the terms and conditions set forth below:

C1.32 The operator shall limit the throughput to no more than 270000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measuring practices:.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading every 15 minutes. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired.

While the ATLG is being repaired, throughput shall be determined by the hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1743, D1747, D1751, D1755]

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The operator shall comply with the terms and conditions set forth below:

C1.33 The operator shall limit the throughput to no more than 145000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 percent, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D734, D735]

C1.35 The operator shall limit the gasoline dispensed to no more than 45000 gallon(s) per month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D963]

C1.37 The operator shall limit the number of turnovers to no more than 50 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D715]

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The operator shall comply with the terms and conditions set forth below:

C1.41 The operator shall limit the number of turnovers to no more than 26 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D730]

C1.42 The operator shall limit the number of turnovers to no more than 10 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D751]

C1.44 The operator shall limit the throughput to no more than 439342 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1924]

C1.45 The operator shall limit the throughput to no more than 135972 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D915]

C1.46 The operator shall limit the throughput to no more than 46666 barrel(s) in any one calendar month.

For the purpose of this condition, throughput shall be defined as throughput of fuel oil.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1897, D1898]

C1.48 The operator shall limit the throughput to no more than 457833 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D761, D762]

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The operator shall comply with the terms and conditions set forth below:

C1.49 The operator shall limit the number of turnovers to no more than 52 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1787]

C1.50 The operator shall limit the throughput to no more than 240000 barrel(s) in any one month.

For the purpose of this condition, throughput shall be defined as throughput of gasoline, light gas oil, light vacuum gas oil, heavy gas oil, heavy vacuum gas oil, hydrotreated kerosene, hydrotreated vacuum gas oil, hydrodesulfurized middle distillate, and straight run gas oil combined.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading every 15 minutes. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement.

If the ATLG differs from the manual tank level measurement by more than 1.0 inch 0.8 percent whichever is greater, the ATLG shall be repaired and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the prior 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D708]

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The operator shall comply with the terms and conditions set forth below:

C1.51 The operator shall limit the throughput to no more than 670000 barrel(s) in any one month.

For the purpose of this condition, throughput shall be defined as throughput of gasoline, light vacuum gas oil, heavy vacuum gas oil, kerosene, hydrodesulfurized middle distillate, and straight run gas oil combined.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading every 15 minutes. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement.

If the ATLG differs from the manual tank level measurement by more than 1.0 inch 0.8 percent whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the prior 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D764]

C1.52 The operator shall limit the throughput to no more than 428333 barrel(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2005]

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The operator shall comply with the terms and conditions set forth below:

C1.54 The operator shall limit the throughput to no more than 8667 gallon(s) in any one calendar month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1916, D1920, D2025]

C1.56 The operator shall limit the throughput to no more than 2167 gallon(s) in any one calendar month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2023, D2024]

C1.57 The operator shall limit the throughput to no more than 2427 gallon(s) in any one calendar month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2026]

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The operator shall comply with the terms and conditions set forth below:

C1.58 The operator shall limit the throughput to no more than 446667 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D725]

C1.59 The operator shall limit the throughput to no more than 500000 barrel(s) in any one month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D728, D747]

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The operator shall comply with the terms and conditions set forth below:

C1.60 The operator shall limit the throughput to no more than 1200000 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D750]

C1.61 The operator shall limit the throughput to no more than 525000 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D727]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.62 The operator shall limit the throughput to no more than 165000 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V / H(subscript: t) x H(subscript: a), where V is the volume of the tank in barrels based on the most recent version of API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D693, D694]

C1.63 The operator shall limit the throughput to no more than 7200 gallon(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

A handheld electronic interface probe shall be used to periodically measure the depth (D) of the stored liquid from the bottom of the storage tank to the stored liquid/air interface.

The operator shall measure the D before the storage tank is emptied by the vacuum truck and calculate the throughput in gallons, which will be totaled at the end of a calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2027, D2029, D2030, D2031, D2032, D2037, D2038, D2039, D2040, D2041, D2042, D2043, D2044, D2045, D2046, D2047, D2048, D2049, D2050, D2065, D2066, D2067, D2071, D2073, D2074, D2075, D2076, D2077, D2078, D2085, D2087, D2088, D2089, D2090, D2091, D2092, D2099, D2100, D2101, D2102, D2103, D2104]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.64 The operator shall limit the throughput to no more than 416670 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices..

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet per month..

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis..

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than .8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy..

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D777]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.65 The operator shall limit the throughput to no more than 457834 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D752]

C1.68 The operator shall limit the throughput to no more than 2000 ton(s) in any one day.

[RULE 1303, 5-10-1996]

[Devices subject to this condition : D2293]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.69 The operator shall limit the maintenance and testing to no more than 34 hour(s) in any one year.

The purpose(s) of this condition is to ensure compliance with requirements of National Fire Protection Association (NFPA) 25 standards.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; RULE 1470, 6-1-2007]

[Devices subject to this condition : D955, D957, D959, D961, D1500, D1785]

C1.70 The operator shall limit the maintenance and testing to no more than 20 hour(s) in any one year.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; RULE 1470, 6-1-2007]

[Devices subject to this condition : D394, D1686, D1786]

C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D761, D762, D1763]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C6.3 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use a lower explosimeter to monitor the hydrocarbon concentration.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D729, D752, D768]

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1200 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediatly downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C686, C687]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C8.3 **The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 900 Deg F.**

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediatly downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C626]

C8.4 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is not less than 8 of the pH scale.

The operator shall determine and record the parameter being monitored daily during each 12-hour shift.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D480, D481]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1000 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediatly downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C952]

C12.1 The operator shall use this equipment in such a manner that the daily average secondary voltage and current (or total power input) and total primary current being monitored as indicated below are greater than or equal to the values in the most recent source test which demonstrated compliance with the emission limits.

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. primary and secondary current
2. primary and secondary voltage
3. spark rate

at each ESP field. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed for the FCCU regenerator (Device D151) according to the requirements specified in Permit Condition D29.3

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001; **RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 409, 8-7-1981]**

[Devices subject to this condition : C165, C166]

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C12.3 The operator shall use this equipment in such a manner that the pressure being monitored as indicated below is less than the pressure setting of the pressure relief device (PRD) for the equipment except during emergencies.

For this condition, the operator shall calculate the pressure of the liquid commodity using Antoine equation with the temperature measured as indicated below and Antoine constants of the commodity
The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. Temperature of the stored LPG commodity

The operator shall also keep a record of the LPG commodity being stored in the tank. In addition, the operator shall keep records, in a manner approved by the District, for a minimum of three years.

The operator shall keep records of the PRD pressure setting for this equipment.

The operator shall be allowed to blow down/remove water from each device listed under this system at a rate of two times per shift for a total of three shifts per day.

The operator shall keep records of the amount in gallons per day for each device under this system vented to to the vapor recovery system

[RULE 463, 5-6-2005]

[Devices subject to this condition : D42, D780, D781, D782, D783, D784, D785, D786, D787, D788, D789, D790, D791, D792, D793, D794, D795, D796, D797, D798, D799, D800, D1418]

D. Monitoring/Testing Requirements

D12.2 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR bed.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : C233, C236, C301, C395, C916, C923, C1238, C1241]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.3 The operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage in the heater.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D917]

D12.4 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

D12.6 The operator shall install and maintain a(n) infrared flame detector to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C891, C892, C1558]

D12.8 The operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the SCR inlet.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : C233, C236, C301, C395, C916, C923, C1238, C1241]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.10 The operator shall install and maintain a(n) thermocouple to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C894]

D28.11 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted annually to determine the NH3 emission.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C233, C236, C301, C395, C916, C1238, C1241]

D28.12 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted annually, once this equipment is operated that it is no longer be classified as non-operational, to determine the NH3 emission.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C923]

D28.13 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted once every three years to determine the CO, PM, and VOC emissions at the outlet and the VOC control efficiency of the thermal oxidizer.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C686, C687]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.20 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days of the permit issuance date to determine the NH3 emission. The test report shall also include the NOx emissions from CEMS during the testing period. Any source test conducted 6 months immediately preceding the date of the permit issuance, to comply with variance condition & approved by the District, can satisfy this condition requirement.

The test shall be conducted in accordance with the District approved protocol.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C233, C236]

D28.22 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days from the complete modification of the fuel gas optimization project using the test protocol approved by the District.

The test shall be conducted to determine the CO, NOx, SOx, SO2 & O2 concentration at the outlet.

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO, PM, NOx & SOx emissions at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D925]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.23 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly after the initial performance test using the test protocol approved by the District.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO & PM emissions at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D925]

D28.25 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted once every three years to determine the CO & PM emissions at the outlet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C952]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment
ROG emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment

The test(s) shall be conducted at least once every three years.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1236, D1239]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the SCR

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test result shall be submitted to the District no later than 60 days after the source test was conducted

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current, voltage, and spark rate at each of the ESP fields

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 409, 8-7-1981]

[Devices subject to this condition : D151]

D29.5 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 409, 8-7-1981]

[Devices subject to this condition : C626]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Oxygen concentration in percent volume

[RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D925, C952]

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, C164]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Oxygen concentration in percent volume

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D90.1 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every month.

The operator shall monitor the hydrocarbon concentration according to EPA Method 21.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C1561, C2219, C2223, C2229]

D90.4 The operator shall continuously monitor the opacity at stack according to the following specifications:

The operator shall use opacity meter to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151]

D90.5 The operator shall periodically monitor the volatile organic compounds and benzene emissions at the outlet of the primary carbon canister according to the following specifications:

The operator shall monitor once every week during tank filling operations utilizing EPA Method 21 for volatile organic compounds and Draeger indicating tube for benzene.

The operator shall monitor volatile organic compounds at times when there is actual flow to the carbon canister (at tank filling period)

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D90.7 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the primary and secondary carbon canisters according to the following specifications:

The operator shall monitor once every week, while Tank D935 (5D-1) is being filled or out-breathing. Measurements shall not be taken when Tank D935 is inbreathing or emptying.

If breakthrough occurs in two consecutive weeks, the operator shall monitor on a daily basis, and provide notification to the District.

Weekly monitoring may be resumed after 3 months, provided breakthrough does not occur within any consecutive 14 day period.

The operator shall monitor the VOC concentration according to EPA Reference Method 21.

The operator shall calibrate the instrument used to monitor the VOC concentration in PPMV with a calibration gas that is C4 or lighter.

The operator shall keep records for a minimum of five years, in a manner approved by the District, for the measured VOC concentrations.

[RULE 1176, 9-13-1996; RULE 1303, 5-10-1996]

[Devices subject to this condition : C2250]

D90.12 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall monitor the H2S concentration at the outlet of the fuel gas mix drum 64C-4 (Device D838) for fuel combustion devices.

The operator shall use Gas Chromatography (GC 34) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D270, D367, D833, D913, D914, D917, D918, D920, D927, D928, D929, D930, D931, D949, D950, D1403]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of the volatile organic compounds

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

D182.1 The operator shall test this equipment in accordance with the following specifications:

The operator shall conduct a static pressure leak decay test to demonstrate that the storage tank(s), the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD Office of Engineering and compliance within 48 hours of test.

The frequency for the above-mentioned test shall be in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or at tel. no. (909) 396-3886 at least 72 hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; location of the facility; and scheduled start and completion dates of the static pressure leak decay test.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D965]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.2 The operator shall test this equipment in accordance with the following specifications:

If the CARB Executive Order requires installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201. 6. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within 48 hours of test.

The District shall be noticed by email at r461testing@aqmd.gov or at telephone number (909) 306-3886 at least 72 hours prior to the testing. This notification shall include, but not limited to, the following items: the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the liquid removal test.

The frequency for the above-mentioned test shall be in accordance with the most recent Rule 461 amendment or CARB Executive order requirements, whichever is more stringent

[RULE 461, 6-3-2005]

[Devices subject to this condition : D965]

D182.3 The operator shall test this equipment in accordance with the following specifications:

To determine the control efficiency of the SCR, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the control efficiency of the SCR

Such method may include, sampling port at the inlet of the SCR, monitor/analyzer for NOx concentration at the inlet of the SCR, or other equivalent method to determine SCR efficiency as approved by the Executive Officer

Until the above method(s) is approved, the operator shall keep record of the ammonia injection rate and shall make it available upon AQMD request

Once the above method(s) is approved, the operator shall conduct the SCR control efficiency determination and annually thereafter

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D925]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.4 The operator shall test this equipment in accordance with the following specifications:

To determine the PM10 emissions, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the PM10 emissions. Such method shall be provided in compliance with EPA or SCAQMD source test method

Until such time that a permit is issued for the modification, the PM10 emissions are assumed to equal to the PM emissions

Once the above method(s) is approved, the operator shall conduct the PM10 emissions determination and annually thereafter

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D925]

D182.5 The operator shall test this equipment in accordance with the following specifications:

The operator shall determine the true vapor pressure (VP) by one of the following methods: 1)sample and test the material stored, 2)derive the VP using engineering calculations, or 3)maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored

Records of material stored, and their MSDS if applicable, shall be retained for a period of five years and made available to the Executive Officer upon request

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D692, D708, D716, D719, D730, D751, D765, D773, D774, D776, D778, D779, D1743, D1747, D1751, D1755, D1763]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.6 The operator shall test this equipment in accordance with the following specifications:

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously measure and record the liquid surface level movement. The throughput, in barrels, shall be calculated using the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour

Alternately, for tanks which do not have an ATLG device, the throughput shall be derived by using engineering calculations using parameters obtained from process records, shipping invoices, manual tank level gauging, etc.

Records of throughput shall be retained for a period of five years and made available to the Executive Officer upon request

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D692, D715, D716, D724, D726, D730, D751, D761, D762, D773, D774, D776, D778, D779, D915, D1685, D1763, D1787, D1897, D1898, D1916, D1917, D1918, D1919, D1920, D1924, D1925, D1926, D1927, D1928, D1929, D1930, D2005, D2023, D2024, D2025, D2026]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD. in accordance with the reporting requirements in Section K of this permit

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D129, D130, D167, D168, D919, C1558, D2291, D2292, D2293, D2294, D2295, D2296, D2297, D2298, D2299, D2300, D2301, D2302, D2303, C2314, D2316, C2317, D2331, D2332, D2333, D2334, D2335, D2384, D2385, D2386, D2388, D2389]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a bi-weekly basis, at least, unless the equipment did not operate during the entire bi-weekly period. The routine bi-weekly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD. in accordance with the reporting requirements in Section K of this permit

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C891, C892, C894]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the emission limits. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : D83, D84, D85, D120, D231, D232, D234, D235, D269, D270, C626, D803, D805, D833, D913, D914, D917, D918, D920, D922, D924, D927, D928, D929, D930, D931, D949, D950, D1236, D1239, D1403]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005; RULE 461, Universal Conditions, 3-7-2008]

[Devices subject to this condition : D965]

E. Equipment Operation/Construction Requirements

E71.5 The operator shall only use this equipment to control odors from miscellaneous sources at the refinery. This equipment does not qualify as air pollution control equipment for compliance with SCAQMD, State, or Federal air pollution rules and regulations except for SCAQMD Rule 402 and Health & Safety Code 41700. The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C1729]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E71.6 The operator shall only maintain a vacuum pressure of 4 inches Hg or higher in this equipment during normal operations.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D981, D982, D983, D984]

E71.7 The operator shall only inject NH3 into this equipment if the flue gas inlet temperature is at least 550 degrees F.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C301, C395, C916, C923, C1238, C1241]

E71.9 The operator shall only inject NH3 into this equipment if the flue gas inlet temperature is at least 500 degrees F.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C233, C236]

E71.10 The operator shall only use this equipment for the storage of any of the following materials/commodities: Crude oil of more than 97 % by volume.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D766, D770, D771]

E71.11 The operator shall only vent this equipment to the water sump whenever it is being filled. The operator shall not fill this silo unless the air/steam ejector is utilized and the vent gas is sparged at least 6 inches below the water surface of the sump.

[RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D167, D168, D2316]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E71.12 The operator shall not use this equipment to store anhydrous ammonia unless the pressure relief valve is set at 265 psig or higher.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2336, D2339, D2340, D2341]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C165, C166, C2314]

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C1561, C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2219, C2223, C2229]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2195, D2196, D2197, D2232]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E153.1 The operator shall change over the spent carbon with activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary canister, and the secondary canister shall be replaced with a fresh carbon canister

For the purpose of this condition, breakthrough shall be defined as any organic compound reading of 50 ppmv or more, or any benzene reading of 5 ppmv or more.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

E153.2 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the canister.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C1561]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E153.5 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv or greater at the outlet of the primary canister.

A change over shall consist of the following: Removal or regeneration of the primary carbon adsorption unit. Promotion of the secondary unit to the primary position, provided breakthrough has not occurred on the secondary unit. Installation of a new or regenerated adsorption canister at the secondary position. Both canisters shall be replaced or regenerated if breakthrough has occurred at the second canister.

Records shall be kept for a period of five years indicating the date and time when a carbon canister is replaced.

[RULE 1176, 9-13-1996; RULE 1303, 5-10-1996; RULE 1303, 12-6-2002]

[Devices subject to this condition : C2250]

E153.6 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitors reading indicates a concentration of 500 ppmv at the outlet of the canister in service or the last canister (when two canister are operated in series)

[RULE 1303(a)-BACT, 5-10-1996]

[Devices subject to this condition : C2219, C2223, C2229]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

All Phase I and Phase II vapor recovery equipment shall meet all California Air Resources Board Certification requirements

[Devices subject to this condition : D963, D965]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Subpart A of the 40CFR60

[40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C891, C892, C894, C1558]

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The circulating caustic solution in the relief gas scrubber must be recharged to the 4 percent by weight. NaOH strength immediately following an alkylation unit upset necessitating the deinventory of any HF acid to the acid evacuation drum, 5C-54

The relief gas scrubber (RGS) system shall be in full and continuous operation whenever the HF alkylation unit is in operation

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C940]

E193.5 The operator shall operate and maintain this equipment according to the following specifications:

The District shall be notified seven days prior to first starting the spray filling operation

The operator shall monitor and record the initial, midpoint, and final temperature in the railcar, and the product line pressure during the spray filling operation

The operator shall use a hydrocarbon analyzer to monitor the equipment daily for fugitive leaks during the spray filling operation

The product line pressure shall not exceed 225 psig during the spray filling operation

The operator shall install and maintain a temperature and pressure gauge to accurately indicate product temperature and product line pressure during the filling operation

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D675]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.8 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified EIR dated 12-October-2001.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D2005]

E193.15 The operator shall construct, operate, and maintain this equipment as follows:

Install and maintain sampling ports for the measurement of VOC emissions at an intermediary point between the first and second stage carbon adsorption canisters.

[**RULE 1303, 5-10-1996**; RULE 1303, 12-6-2002]

[Devices subject to this condition : C2250]

E193.16 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Subpart A of the 40CFR60

[**40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D269, D270, D367, C626, C686, C687, D803, D805, D833, D913, D914, D917, D918, D920, D922, D924, D925, D927, D928, D929, D930, D931, D949, D950, D1236, D1239, D1403]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E204.1 The operator shall tag the valves according to the following specifications:

This condition applies to all new valves greater than 2 inches in size, and major components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173.

The affected valves shall be distinctly identified from other components through their tag numbers (e.f. numbers ending in the letter "N"), and shall be noted in the records.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1202, D1204]

E204.3 The operator shall repair the valves according to the following specifications:

For all new components in VOC service, a leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1202, D1204, D1206, D1207, D1208, D1209, D1210]

E204.4 The operator shall inspect the valves and flanges according to the following specifications:

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA reference method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid volatile organic compound(s) at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1661]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E313.1 This device is classified as a non-operated major SOx and NOx source as defined under Rules 2011 and 2012 and shall not be operated unless the Facility Permit holder provides written notification to the Executive Officer 30 days prior to starting operation. In order to maintain the non-operational classification, the Facility Permit holder shall:

(a) Remove a section of the fuel feed line(s) to the device and place a blind flange on both ends of the fuel feed line(s); and

(b) Remove a section of the process feed line(s) and place a blind flange on both ends of the process feed line(s).

Removal of parts or components solely to qualify the device for non-operated classification pursuant to this condition, or replacement of the same removed parts or components resulting in the device no longer being classified as non-operated shall not be deemed to affect the potential to emit within the meanings of Rule 2005, Regulation XIII and Regulation XXX.

[RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D922]

E315.1 Once this device is operated, it shall no longer be classified as non-operational. This device shall also meet the monitoring requirements of Rules 2011 and 2012, subparagraph (c)(2)(A) or (c)(2)(B) no later than 30 calendar days after the start of operation except as provided in Rule 2011, paragraph (c)(11) and Rule 2012, paragraph (c)(10).

[RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D922]

E318.1 This major SOx source shall no longer be considered an infrequently-operated major SOx source once it is operated in excess of 30 days in any compliance year. This device shall meet the monitoring requirements of Rule 2011, subparagraph (c)(2)(A) or (c)(2)(B) on and after the thirty-first day of operation in any compliance year unless it qualifies for a one-time only CEMS certification period as provided in Rule 2011, subparagraph (c)(11).

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D833]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E336.1 The operator shall vent the vent gases from this equipment as follows:

All vent gases during normal operations shall be vented to a vapor recovery system.

This equipment shall not be operated unless the blowdown vapor recovery equipment is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 463, 5-6-2005]

[Devices subject to this condition : D690, D691, D692, D693, D694, D695, D696, D699, D700, D702, D706, D708, D711, D712, D713, D714, D715, D720, D721, D722, D724, D727, D728, D915, D1417, D1428, D1437, D1685, D1787, D1924, D1925]

E336.2 The operator shall vent the vent gases from this equipment as follows:

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D675]

E336.3 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the clean service flare system (Process 19, System 6) and that under emergency conditions shall be vented to the atmoshere.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D801, D802]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E336.4 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the East butane refrigeration system (Process 19, System 5) and that under emergency conditions shall be vent to the atmosphere.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1379]

E336.5 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the West butane refrigeration system (Process 19, System 7) or refinery vapor recovery system (Process 19, System 3) and that under emergency conditions shall be vent to the atmosphere.

This equipment shall not be operated unless the vapor recovery system(s) is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1439]

E336.8 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the Air Pollution Control (APC) system (Process 14, System 2).

This equipment shall not be operated unless the APC system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D684, D685, D1773]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E336.9 The operator shall vent the vent gases from this equipment as follows:

All vent gases during normal operations shall be vented to a vapor recovery system.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D155, D156, D585, D594, D1250, D1419, D2145]

E336.11 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the Air Pollution Control (APC) system (Process 14, System 2).

This equipment shall not be operated unless the APC system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D680, D681, D683, D689]

E336.12 The operator shall vent the vent gases from this equipment as follows:

All emergency vent gases shall be directed to a VRS/flare system except three PRV (PSV01-002, PSV01-003, and PSV01-045) set at 38 psig that vent to the atmosphere.

This equipment shall not be operated unless the VRS/flare system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E336.13 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the flame zone of the heater(s) (Devices D232 & D234, Process 4, System 2)

This equipment shall not be operated unless the heater(s) is in full use and has a valid permit to receive vent gases from this equipment.

[40CFR 63 Subpart CC, 6-23-2003]

[Devices subject to this condition : D176, D178]

E336.16 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal depressurizing or degassing operations shall be directed to the vapor recovery system.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D42, D780, D781, D782, D783, D784, D785, D786, D787, D788, D789, D790, D791, D792, D793, D794, D795, D796, D797, D798, D799, D800, D1418, D2005]

E440.1 The operator shall operate and maintain this equipment according to the following specifications:

The closed vent system shall be operated with no detectable VOC emissions, as indicate by an instrument reading of less than 500 ppm above background, as determined during the initial and semiannual inspections by methods specified in 40 CFR 60.696

[40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : C686, C687]

H. Applicable Rules

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D1773, D1775]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1178

[RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Devices subject to this condition : D609, D610, D681, D683]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Kb

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **40CFR 60 Subpart Kb, 10-15-2003]**

[Devices subject to this condition : D691, D692, D693, D694, D708, D724, D757, D761, D762, D778, D779, D915, D1220, D1685, D1743, D1747, D1751, D1755]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ

[40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D680, D681, D683, D689, D1907]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Ka

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **40CFR 60 Subpart Ka, 12-14-2000]**

[Devices subject to this condition : D727, D728, D776, D777]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

[RULE 1415, 10-14-1994; **40CFR 82 Subpart F, 5-14-1993]**

[Devices subject to this condition : E1899, E1900]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E1901]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E1906]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	465
Sulfur compounds	District Rule	465

[RULE 465, 8-13-1999]

[Devices subject to this condition : D7, D8, D2137, D2138, D2139, D2140, D2141, D2142, D2143, D2144]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D269, D270, D367, C626, C686, C687, D803, D805, D833, C891, C892, C894, D913, D914, D917, D918, D920, D922, D924, D927, D928, D929, D930, D931, D949, D950, C952, D1236, D1239, D1403, C1558]

H23.15 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart GG, 2-24-2006; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J
Visible Emissions	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D151]

H23.18 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **40CFR 60 Subpart QQQ, 10-17-2000]**

[Devices subject to this condition : D730, D731, D741, D751, D1763]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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The operator shall comply with the terms and conditions set forth below:

H23.19 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J
NOX	40CFR60, SUBPART	Db

[40CFR 60 Subpart Db, 1-28-2009; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D1236, D1239]

H23.24 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D680, D681, D683, D684, D685, D693, D694, D705, D1685, D1907, D2255]

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411
Refrigerants	40CFR82, SUBPART	B

[RULE 1411, 3-1-1991; **40CFR 82 Subpart B, 7-14-1992**]

[Devices subject to this condition : E1902]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.27 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]

[Devices subject to this condition : E2022]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : E2020]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[RULE 464, 12-7-1990]

[Devices subject to this condition : C236, D680, D684, D685, D1250, D2145]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.31 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Kb

[40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D752]

H23.32 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D690, D695, D696, D699, D700, D701, D706, D711, D712, D713, D714, D715, D720, D721, D722, D732, D733, D734, D735, D736, D737, D738, D739, D740, D742, D743, D745, D746, D747, D748, D749, D750, D753, D755, D756, D758, D759, D760, D764, D765, D766, D767, D769, D770, D771, D772, D773, D774, D775, D830, D831, D832, D1417, D1419, D1428, D1437, D1925]

H23.33 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D925]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGGa

This equipment was subject to the applicable requirements of 40CFR60 Subpart GGG per Consent Decree Civil Case No. 05 C 5809 dated 12-13-2005. This equipment is now subject to the applicable requirements of 40CFR60 Subpart GGGa per ExxonMobil's notification to EPA dated 08-24-2009

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **40CFR 60 Subpart GGGa, 6-2-2008**; **CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]**

[Devices subject to this condition : D119, D355, D356, D390, D525, D542, D574, D869, D980, D981, D982, D983, D984, D985, D986, D1298, D1475, D1527, D1556, D1740, D1788, D1789, D1790, D1791, D1792, D1793, D1794, D1800, D1803, D1805, D1807, D1808, D1809, D1810, D1811, D1815, D1819, D1825, D1826, D1827, D1828, D1829, D1830, D1831, D1834, D1838, D1839, D1840, D1842, D1844, D1845, D1849, D1850, D1851, D1853, D1860, D1862, D1863, D1864, D1865, D1877, D1888, D1889, D1890, D1891, D1892, D1895, D1936, D1937, D1938, D1939, D1955, D1956, D1957, D1983, D1987, D1988, D2009, D2010, D2231, D2256, D2259, D2330, D2366, D2367, D2368, D2369, D2370, D2371, D2372, D2373, D2374, D2375, D2376, D2377, D2378, D2379, D2380, D2383]

H23.35 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C891, C892, C894, C1558]

I. Administrative

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

I1.1 The operator shall comply with all the requirements of the condition and compliance schedule as specified in the variance Case No. 1183-414, issued on July 15, 2008, in accordance with the Findings and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).

[RULE 3004(a)(10)(C), 12-12-1997; RULE 518, 8-11-1995]

[Devices subject to this condition : C891, C892, C894]

J. Rule 461

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D963]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D965]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
20	0.15
40	0.16
60	0.35
80	0.62
100	0.95

As required by AQMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within 48 hours of tests.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D965]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Source test results shall also include the heat input (in mmbtu/hr) and the fuel flow rate (in mmscf/hr) of the boiler under which the test was conducted.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C1238, C1241]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the date of operation

the elapsed time in hours

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : D690, D691, D695, D696, D697, D698, D699, D700, D701, D702, D703, D704, D706, D711, D712, D713, D714, D715, D718, D719, D720, D721, D722, D729, D731, D732, D733, D736, D737, D738, D739, D740, D741, D744, D745, D746, D748, D749, D753, D754, D755, D756, D758, D759, D760, D763, D765, D766, D767, D768, D769, D770, D771, D772, D775, D776, D830, D831, D832, D1417, D1419, D1425, D1428, D1437, D1554]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : E1905]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For spray filling only: product loaded; line pressure; and rail car initial, midpoint, and final temperature; number and magnitude of leaks found

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D675]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Catalyst management including periodic addition/replacement

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C233]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily inspections & maintenance of all the valves at this facility

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2232, D2324, D2325, D2336, D2339, D2340, D2341]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Truck outhauls of the hopper

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C2314]

K67.17 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

VOC concentration at the outlet of the primary carbon adsorber.

VOC concentration at the outlet of the secondary adsorber.

Date and time the VOC measurements were taken.

[RULE 1303(a)-BACT, 5-10-1996]

[Devices subject to this condition : C2250]

K171.1 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D729, D744, D752, D754, D763, D768, D776, D778, D779]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K171.5 The operator shall provide to the District the following items:

Final designed P&ID within 60 days after construction is completed including, but not limited to heating rate and fuel lines for heater 24F-1

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D925]

K171.6 The operator shall provide to the District the following items:

Final designed data sheets within 60 days after construction of the fuel gas optimization project is completed

[RULE 1301, 12-7-1995]

[Devices subject to this condition : C2219, C2223, C2229]

K171.9 The operator shall provide to the District the following items:

Update P&ID drawings of the desalter tailwater handling system, including normal and emergency vents, the drain system for brine water and brine oily water, update function of Tanks 72D-10 & 72D-11, and the removal of the oily water sump, shall be submitted to the district within 60 days after permit issuance date

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1250, D2145]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K171.10The operator shall provide to the District the following items:

Update P&ID drawings of the heater, including the firing rate in MMBtu/hr, fuel gas/utility system, removal of all miscellaneous process gases (fume/waste gas) feed lines and their knockout pots (e.g., Vessels 1C-9 & 1D-7), shall be submitted to the district within 60 days after permit issuance date

ExxonMobil shall maintain records demonstrating the non-operation status of the above equipment and shall submit to the district upon request

[RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D913]

K171.11The operator shall provide to the District the following items:

Update P&ID drawings of the fuel gas filter separators and associated reservoirs including emergency vents shall be submitted to the district within 60 days after permit issuance date

Final design data sheet of the filter separators (Vessels 1J-2 & 1J-3) including the internal filter elements shall be submitted to the District within 60 days after permit issuance date

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2257, D2258]

K171.14The operator shall provide to the District the following items:

Update and complete P&ID drawings of the equipment shall be submitted to the district within 60 days after permit issuance date

Operating and maintenance description

[RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D2316, C2317]

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K171.15The operator shall provide to the District the following items:

Update P&ID drawings of the heater, including the firing rate in MMBtu/hr, fuel gas/utility system, removal of miscellaneous process gases (fume/waste gas) feed line(s) and their knockout pots (e.g., Vessel 2C-20), shall be submitted to the District within 60 days after permit issuance date

[RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D920]

K171.16The operator shall provide to the District the following items:

Update P&ID drawings of the particulates/fines knockout pot including emergency vents shall be submitted to the District within 60 days after permit issuance date

Final design data sheet of the knockout pot (Vessel 2C-22) shall be submitted to the District within 60 days after permit issuance date

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2321]

K171.17The operator shall provide to the District the following items:

Update P&ID drawings of the fuel gas filter separators and associated reservoirs including emergency vents shall be submitted to the district within 60 days after permit issuance date

Final design data sheet of the filter separator shall be submitted to the District within 60 days after permit issuance date

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2328, D2329]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]

   a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
   b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
   c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]

2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]

3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]

4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

FACILITY PERMIT TO OPERATE
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SECTION E: ADMINISTRATIVE CONDITIONS

a. Three years for a facility not subject to Title V; or
b. Five years for a facility subject to Title V.

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
   c. For a large NOx source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
   d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
   e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]
   f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO2) at standard conditions and averaged over 15 consecutive minutes. [409]
   g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NOx RECLAIM sources and Table 2 of Rule 2001 for SOx RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NOx or SOx emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NOx or SOx source, respectively. [2001]

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SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

   a. Brief description of the equipment tested.
   b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
   c. Operating conditions under which the test will be performed.
   d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
   e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
   f. Description of calibration and quality assurance procedures.
   g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).

10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]

   a. The results of the source test.
   b. Brief description of the equipment tested.
   c. Operating conditions under which test will be performed.
   d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
   e. Field and laboratory data forms, strip charts and analyses.
   f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

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SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

FACILITY PERMIT TO OPERATE
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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NOx source to continuously measure the concentration of NOx emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NOx emissions rate from each source. The time-sharing of CEMS among NOx sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]

2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]

3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]

4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]

    a. compliance with the annual Allocation;
    b. excess emissions;
    c. the amount of penalties; and
    d. fees.

5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]

    a. compliance with the annual Allocation;
    b. excess emissions;
    c. the amount of penalties; and
    d. fees.

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]

2. Comply at all times with the specified NOx concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NOx Source Testing and Tune-up Conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]

2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

III. SOx Monitoring Conditions

D. The Operator of a SOx Major Source, as defined in Rule 2011, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major SOx source to continuously measure the concentration of SOx emissions or fuel sulfur content and all other applicable variables specified in Rule 2011, Table 2011-1 and Rule 2011, Appendix A, Table 2-A to determine the SOx emissions rate from each source. The time-sharing of CEMS among SOx sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2011]

2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2011]

3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2011. [2011]

4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2011, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2011]

   a. compliance with the annual Allocation;
   b. excess emissions;
   c. the amount of penalties; and
   d. fees.

5. Follow missing data procedures as specified in Rule 2011 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2011]

   a. compliance with the annual Allocation;
   b. excess emissions;
   c. the amount of penalties; and

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

d. fees.

E. The Operator of a SOx Process Unit, as defined in Rule 2011, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2011, Table 2011-1, and Rule 2011, Appendix A, Table 3-A. The sharing of totalizing meters shall be allowed for process units except those using fuels with different sulfur contents. [2011]

IV. SOx Source Testing Conditions

1. The operator shall conduct all required SOx source testing in compliance with an AQMD-approved source test protocol. [2011]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:

   a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
   b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
   c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]

2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NOx Reporting Requirements

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NOx source, the total daily mass emissions of NOx and daily status codes. Such data

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NOx emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]

3. Submit an electronic report within 15 days following the end of each month totaling NOX emissions from all major NOx sources during the month. [2012]

4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NOx mass emissions from each large NOx source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

SOx Reporting Requirements

D. The Operator of a SOx Major Source, as defined in Rule 2011, shall, as applicable:

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major SOx source, the total daily mass emissions of SOx and daily status codes. Such data shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2011]

2. Calculate SOx emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2011 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2011]

3. Submit an electronic report within 15 days following the end of each month totaling SOX emissions from all major SOx sources during the month. [2011]

4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2011]

E. The Operator of a SOx Process Unit, as defined in Rule 2011, shall:

1. Electronically report the calculated quarterly SOx emissions for each SOx process unit. [2011]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
System 1 : CRUDE ATMOSPHERIC DISTILLATION					S13.2, S15.1, S15.2, S15.10
COLUMN, ATMOSPHERIC CRUDE DISTILLATION, 1C-1, CRUDE OIL, HEIGHT: 159 FT; DIAMETER: 21 FT 6 IN A/N:	D1				
System 4 : CRUDE UNIT FEED DESALTER					S13.2, S15.1, S31.4
TANK, SURGE, 1C-5, WASH (DESALTER) WATER, HEIGHT: 17 FT 6 IN; DIAMETER: 7 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D4				
VESSEL, DESALTER, 1ST STAGE, 1C-6C, CRUDE OIL, WITH WATER&MUDWASH DISTRIBUTION&3 ELECTRICAL GRIDS, IN PARALLEL WITH 1C-6D & IN SERIES WITH 1C-6A, LENGTH: 85 FT; DIAMETER: 13 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D2251			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E193.17, E336.9, K171.8
VESSEL, DESALTER, 2ND STAGE, 1C-6A, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, IN PARALLEL WITH 1C-6B & IN SERIES WITH 1C-6C, LENGTH: 86 FT; DIAMETER: 12 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D21			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E336.9, K171.8

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : CRUDE DISTILLATION UNIT					P13.1
VESSEL, DESALTER, 1ST STAGE, 1C-6D, CRUDE OIL, WITH WATER&MUDWASH DISTRIBUTION&3 ELECTRICAL GRIDS, IN PARALLEL WITH 1C-6C & IN SERIES WITH 1C-6B, LENGTH: 85 FT; DIAMETER: 13 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D2252			**SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	E193.17, E336.9, K171.8
VESSEL, DESALTER, 2ND STAGE, 1C-6B, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, IN PARALLEL WITH 1C-6A & IN SERIES WITH 1C-6D, LENGTH: 86 FT; DIAMETER: 12 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D22			**SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	E336.9, K171.8
DRAIN SYSTEM COMPONENT A/N: 448496 Permit to Construct Issued: 10/18/06	D2253			**HAP: (10) [40CFR 61 Subpart FF_01,12-4-2003;40CFR 63 Subpart CC, #4,6-23-2003]**	H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 448496 Permit to Construct Issued: 10/18/06	D2254			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.36

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
System 1 : NORTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 21C-1, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D57			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 21C-2, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D58			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 21C-3, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D59			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 21C-4, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D60			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 21C-5, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D61			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 21C-6, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 09/29/99	D62			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
System 2 : SOUTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 22C-9, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 09/29/99	D88			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 22C-10, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 09/29/99	D89			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 22C-11, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 09/29/99	D90			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
DRUM, 22C-12, COKE, HEIGHT: 59 FT; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 09/29/99	D91			**HAP:** (10) **[40CFR 63 Subpart CC, #2,6-23-2003] ; PM:** (9) **[RULE 405,2-7-1986]**	
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 1 : FCCU, Cracking System					S4.1, S13.2, S15.1, S42.2
REGENERATOR, 2C-3, HEIGHT: 45 FT; DIAMETER: 37 FT 2 IN WITH A/N: 485908 Permit to Construct Issued: 12/09/08	D151	C164 C165 C166 C1590 C1772 C2283 C2284 C2314	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 500 PPMV (8) **[40CFR 60 Subpart J,6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005] ; CO:** 2000 PPMV (5) **[RULE 407,4-2-1982]**	A63.4, A99.1, A99.2, A99.3, A195.2, A195.3, A195.4, A195.5, A195.6, A195.7, A195.8, D29.3, D82.2,

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
				HAP: (10) **[40CFR 63 Subpart UUU, #2,4-20-2006]** ; **NH3:** 10 PPMV (5) **[RULE 1105.1,11-7-2003]** ; **NOX:** 20 PPMV (8) **[CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** **NOX:** 40 PPMV (8A) **[CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** ; **NOX:** 140 PPMV (8B) **[CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]** ; **PM:** 1 LB(S)/1000 LBS (8) **[40CFR 60 Subpart J,6-24-2008]** ; **PM:** (9) **[RULE 404,2-7-1986 RULE 405,2-7-1986]** ; **PM10:** 0.005 GRAINS/SCF (5) **[RULE 1105.1,11-7-2003]** ; **PM10:** 2.8 LBS/1000 BBLS (5A) **[RULE 1105.1,11-7-2003]** **PM10:** 3.6 LBS/HR (5B) **[RULE 1105.1,11-7-2003]** ; **SOX:** 25 PPMV (8) **[CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]**	D82.5, D90.4, E193.18, E193.20, E448.2, H23.17, K67.14, K67.15

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
INJECTOR, FCCU CYCLE OIL/HYDROTREATED GAS OIL INJECTOR, HOPPER, CO PROMOTER CATALYST, 2G-19, D: 2 FT, H: 4 FT 4 IN				**SOX:** 50 PPMV (8A) [40CFR 60 Subpart J,6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]	
VESSEL, ABRASIVE CHARGE/INJECTION, 2C-X, CRUSHED WALNUT SHELLS, LOCATED UPSTREAM OF THE EXPANDER, HEIGHT: 4 FT 1 IN; DIAMETER: 2 FT 2 IN A/N: 485908 Permit to Construct Issued: 12/09/08	D2278	C164			C1.66, E175.2
STACK, 2F-7, WITH EMERGENCY BYPASS DUCTING, (CONNECTING ESP & BYPASS SCR, WASTE HEAT BOILER & ID FAN), HEIGHT: 89 FT; DIAMETER: 11 FT 4 IN A/N: 485908 Permit to Construct Issued: 12/09/08	S1739	C1772			

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 2 : FCCU AIR POLLUTION CONTROL SYSTEM					
BOILER, 2F-3, CARBON MONOXIDE WASTE HEAT, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 464 MMBTU/HR WITH A/N: 458744 Permit to Construct Issued: 03/27/07 BURNER, NATURAL GAS, REFINERY GAS, FOUR LO-NOX, WITH LOW NOX BURNER, 464 MMBTU/HR	C164	D151 D2278 D2404	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 11 LBS/HR (5B) [RULE 476,10-8-1976] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]** **PM: 0.01 GRAINS/SCF (5A) [RULE 476,10-8-1976]**	B61.3, D82.2, D90.12, E193.16, E448.2, H23.13, K67.14
ELECTROSTATIC PRECIPITATOR, 2D-2, PLATE-WIRE, DRY, NEGATIVE CORONA, 2 CHAMBERS, 3 FIELDS, 3 T/R SETS, 12 CELLS, BUELL, IN SERIES WITH 2D-1, IDLE MODE, 18 FT L, 57 FT 6 IN W, 30 FT H, 300 KVA WITH A/N: 485909 Permit to Construct Issued: 12/09/08 AMMONIA INJECTION, GRID 1, UPSTREAM OF ESP 2D-1 HOPPER, CATALYST DUST, 8 TOTAL	C166	D151 D2404			C12.1, C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.10, E193.19, K40.6, K67.10, K67.16

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(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
ELECTROSTATIC PRECIPITATOR, 2D-1, PLATE-WIRE, DRY, NEGATIVE CORONA, 2 CHAMBERS, 2 FIELDS, 2 T/R SETS, 12 CELLS, BUELL, IN SERIES WITH 2D-2, IDLE MODE,18 FT L, 37 FT 6 IN W, 30 FT H, 140 KVA WITH A/N: 485909 Permit to Construct Issued: 12/09/08 AMMONIA INJECTION, GRID 1, UPSTREAM OF ESP 2D-1 HOPPER, CATALYST DUST, 8 TOTAL	C165	D151 D2404			C12.1, C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.10, E193.19, K40.6, K67.10, K67.16
ELECTROSTATIC PRECIPITATOR, 2D-3X, PLATE-RED, DRY, NEGATIVE CORONA, 2 CHAMBERS, 6 FIELDS, 12 T/R SETS, 24 CELLS, HRC, IN PARALEL WITH 2D-4X, 54 FT L, 80 FT W, 36 FT H, 1380 KVA WITH A/N: 485910 Permit to Construct Issued: 12/09/08 AMMONIA INJECTION, GRID 2, UPSTREAM OF ESPS 2D-3X & 2D-4X HOPPER, CATALYST DUST, 24 TOTAL	C2283	D151 D2404			C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.18, E193.19, K67.16

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
ELECTROSTATIC PRECIPITATOR, 2D-4X, PLATE-RED, DRY, NEGATIVE CORONA, 2 CHAMBERS, 6 FIELDS, 12 T/R SETS, 24 CELLS, HRC, IN PARALEL WITH 2D-3X, 54 FT L, 80 FT W, 36 FT H, 1380 KVA WITH A/N: 485911 Permit to Construct Issued: 12/09/08 AMMONIA INJECTION, GRID 2, UPSTREAM OF ESPS 2D-3X & 2D-4X HOPPER, CATALYST DUST, 24 TOTAL	C2284	D151 D2404			C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.18, E193.19, K67.16
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH MITSUBISHI VANADIUM PENTOXIDE HONEYCOMB TYPE CATALYST, WIDTH: 27 FT; HEIGHT: 56 FT; LENGTH: 31 FT WITH A/N: 458745 Permit to Construct Issued: 03/23/07 AMMONIA INJECTION, GRID 3	C1772	D151 S1739 D2404		**NH3: 10 PPMV (5) [RULE 1105.1,11-7-2003]**	A195.2, D12.1, D12.2, D28.1, D28.4, D29.4, K40.4, K171.12, K171.13

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 8 : FCCU Base Catalyst/Catalyst Additives Injecting System					
BULK MATERIAL LOADING STATION, MULTI-LOADING SYSTEM, CABINET, GRACE DAVISON MODEL MLS-2452-AWC, SERIAL # LL130, WITH AUTOMATIC PROGRAMMABLE LOGIC CONTROLLER, W: 6 FT, L: 10 FT, H: 9 FT WITH A/N: 483504 Permit to Construct Issued: 11/26/08 EDUCTOR, VACUUM PRODUCER, 4 HOSES TO DRAW CATALYST FROM STORAGE BIN TO CATALYST COLLECTOR, WITH 2 DUST FILTERS SCREEN, DUST/CATALYST COLLECTOR, OPEN/CLOSE VALVE TO DIRECT CATALYST TO TRANSFER POT POT, TRANSFER, PRESSURIZED, PRD SET AT 125 PSIG, 6 CF CAPACITY, WITH 3 CATALYST LOAD CELLS FOR WEIGHT MEASURING & RECORDING, WITH SUPPORT LEGS	D2395	C2397		**PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986]**	B27.1, C1.67, E71.13, K171.18

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : Fluid Catalytic Cracking Unit (FCCU)					P13.1
EJECTOR, PRESSURIZING CATALYST FROM TRANSFER POT TO REGENERATOR VIA A COMMON HOSE					
FILTER, CARTRIDGE TYPE, CATALYST DUST, 2 IN PARALLEL, CLEMTEX, MODEL FA376094, EACH OD:1 FT 2 IN, ID:9 FT 6 IN, H:2 FT 6 IN, WITH AUTOMATIC AIR PULSE CLEANING, 260 SQ.FT. A/N: 483504 Permit to Construct Issued: 11/26/08	C2397	D2395			C6.4, D29.6, D322.3, D323.1, E102.1
Process 4 : HYDROTREATING PROCESS					P13.1
System 1 : FCCU FEED (GAS OIL) HYDRODESULFURIZATION UNIT					S4.1, S13.2, S15.1, S15.2, S15.9, S31.2
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1A A/N: 422931 Permit to Construct Issued: 01/07/05	D169				
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1B A/N: 422931 Permit to Construct Issued: 01/07/05	D170				

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
TURBINE, RICH DEA POWER RECOVERY, UNFIRED, 25J-02, SERVING 25G-5A A/N: 422931 Permit to Construct Issued: 01/07/05	D171				
EJECTOR, 25J-22A, STEAM JET A/N: 422931 Permit to Construct Issued: 01/07/05	D2184				
SUMP, 25D-1, AMINE, LENGTH: 10 FT, WIDTH: 10 FT, DEPTH: 7 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D2185				
VESSEL, 25C-51, CONDENSATE RECEIVER A/N: 422931 Permit to Construct Issued: 01/07/05	D2187				
EJECTOR, 25J-22B, STEAM JET A/N: 422931 Permit to Construct Issued: 01/07/05	D2188				
ABSORBER, HIGH PRESSURE AMINE, 25C-10, HEIGHT: 77 FT 6 IN; DIAMETER: 8 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D172				
COLUMN, STRIPPER, PRODUCT, 25C-11, HEIGHT: 66 FT; DIAMETER: 13 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D173				

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
ABSORBER, LOW PRESSURE AMINE, 25C-13, HEIGHT: 57 FT; DIAMETER: 3 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D174				
FRACTIONATOR, 25C-15, HEIGHT: 116 FT; DIAMETER: 14 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D175				
COLUMN, STRIPPER/DRYER, 25C-17, KEROSENE, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D176	D232 D234			E336.13
COLUMN, STRIPPER, 25C-18, LIGHT GAS OIL, HEIGHT: 35 FT; DIAMETER: 5 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D177				
VESSEL, VACUUM DRYER, 25C-27, LIGHT GAS OIL, HEIGHT: 32 FT; DIAMETER: 5 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D178	D232 D234			E336.13
TANK, SURGE, 25C-04, COLD FEED A/N: 422931 Permit to Construct Issued: 01/07/05	D188				
VESSEL, SURGE, 25C-05, HOT FEED A/N: 422931 Permit to Construct Issued: 01/07/05	D189				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7A A/N: 422931 Permit to Construct Issued: 01/07/05	D190				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7B A/N: 422931 Permit to Construct Issued: 01/07/05	D191				
VESSEL, SEPARATOR, LOW TEMPERATURE, 25C-8, LENGTH: 38 FT; DIAMETER: 11 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D192				
KNOCK OUT POT, 25C-9, RECYCLE GAS, LENGTH: 14 FT; DIAMETER: 7 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D193				
ACCUMULATOR, 25C-12, STRIPPER OVERHEAD, LENGTH: 27 FT; DIAMETER: 6 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D194				
ACCUMULATOR, 25C-16, FRACTIONATOR OVERHEAD, LENGTH: 25 FT; DIAMETER: 8 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D196				

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
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(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
TANK, SURGE, 25C-19, CONDENSATE, HEIGHT: 14 FT; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D197				
TANK, SURGE, 25C-20, DEA, HEIGHT: 22 FT; DIAMETER: 6 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D198				
VESSEL, 25C-24, DIMETHYLDISULFIDE, HEIGHT: 16 FT; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D200				
KNOCK OUT POT, 25C-26, OFFGAS, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D201				
KNOCK OUT POT, VACUUM, 25C-28, LENGTH: 11 FT; DIAMETER: 2 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D202				
KNOCK OUT POT, 25C-50, FUME GAS A/N: 422931 Permit to Construct Issued: 01/07/05	D206				
COMPRESSOR, 25K-1A/1B/1C, MAKEUP HYDROGEN, 6000-HP EACH, 3 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D221				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
COMPRESSOR, 25K-2, RECYCLE HYDROGEN A/N: 422931 Permit to Construct Issued: 01/07/05	D224				
COMPRESSOR, 25K-3A/3B, STRIPPER OFFGAS, 400-HP, 514 RPM, EACH, 2 TOTAL, 2 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D225				
REACTOR, HYDROTREATER GUARD, 25C-40A, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D227				
REACTOR, HYDROTREATER GUARD, 25C-40B, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D228				
REACTOR, HYDROTREATER MAIN, 25C-41A, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D229				
REACTOR, HYDROTREATER MAIN, 25C-41B, HEIGHT: 31 FT; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D230				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
VESSEL, SEPARATOR, 25-C-08, LOW-TEMPERATURE, HEIGHT: 38 FT; DIAMETER: 10 FT 1 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D1256				
FILTER, 25-J-06 A/B, FUEL GAS, 2 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D1260				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422931 Permit to Construct Issued: 01/07/05	D1803			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 3 : REFORMER FEED (NAPHTHA) HYDROTREATER					S13.2, S15.1, S15.2, S15.12, S31.2
COLUMN, STRIPPER, 20C-1, HEIGHT: 108 FT 7 IN; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D302				
TANK, OIL SURGE, 20C-21, DIAMETER: 6 FT, HEIGHT: 17 FT 6.75 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D2183				
COLUMN, DEHEXANIZER, 20C-3, HEIGHT: 85 FT 6 IN; DIAMETER: 11 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D303				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
ACCUMULATOR, 20C-11, DEHEXANIZER OVERHEAD, LENGTH: 20 FT; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D304				
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-2, LENGTH: 27 FT; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D305				
VESSEL, SEPARATOR, LOW PRESSURE, 20C-18, LENGTH: 24 FT; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D306				
KNOCK OUT POT, 20C-30, RECYCLE GAS, LENGTH: 9 FT; DIAMETER: 5 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D307				
ACCUMULATOR, 20C-31, STRIPPER OVERHEAD, LENGTH: 12 FT; DIAMETER: 5 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D308				
TANK, 20C-36, STRAIGHT RUN NAPHTHA CHARGE DRUM, LENGTH: 20 FT; DIAMETER: 7 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D309				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
REACTOR, NO. 4, PRE-TREATER, 20C-26, HEIGHT: 29 FT; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D312				
REACTOR, NO. 5, PRE-TREATER, 20C-27, HEIGHT: 25 FT; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D313				
REACTOR, NO. 6, PRE-TREATER, 20C-28, DIAMETER: 14 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D314				
TANK, SURGE, 20C-63, NAPHTHA FEED, HEIGHT: 21 FT; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D1202				E204.1, E204.3
FILTER, GAS FILTER, 20J-3 A/N: 411586 Permit to Construct Issued: 01/07/05	D2182				
COMPRESSOR, 20K-3A, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D329				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
COMPRESSOR, 20K-3B, RECYCLE GAS, RECIPROCATING, PACKED GLAND,, 150-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D330				
COMPRESSOR, 20K-3C, RECYCLE GAS, RECIPROCATING, PACKED GLAND,, 400-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D331				
COMPRESSOR, 20K-3D, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 400-HP A/N: 411586 Permit to Construct Issued: 01/07/05	D1244				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411586 Permit to Construct Issued: 01/07/05	D1810			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 5 : PRODUCT (Jet Fuel/Diesel/Other) HYDRODESULFURIZATION UNIT					S13.2, S15.1, S15.2, S15.10
FILTER, COALESCER, 6C-29 A/N: 409565 Permit to Construct Issued: 01/07/05	D2179				
TANK, HOLDING, 6C-1, FEED SURGE, LENGTH: 30 FT; DIAMETER: 12 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D557				

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
COLUMN, FEED STRIPPER, 6C-2, HEIGHT: 50 FT 3 IN; DIAMETER: 8 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D558				
ABSORBER, AMINE, 6C-3, HEIGHT: 69 FT; DIAMETER: 4 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D559				
VESSEL, RECYCLE COMPRESSOR SUCTION, 6C-4, HEIGHT: 8 FT; DIAMETER: 3 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D560				
REACTOR, 6C-5, HEIGHT: 32 FT 9 IN; DIAMETER: 11 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D561				
TANK, FLASH, 6C-6, COLD, LENGTH: 20 FT; DIAMETER: 5 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D562				
VESSEL, FLASH, 6C-7, HOT, HEIGHT: 16 FT; DIAMETER: 6 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D563				
COLUMN, PRODUCT STRIPPER, 6C-8, HEIGHT: 72 FT 2 IN; DIAMETER: 11 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D564				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
FILTER, FUEL GAS, 6J-1 A/N: 409565 Permit to Construct Issued: 01/07/05	D2180				
FILTER, 6J-12, CLAY TREATER, 700 GPM CAPACITY, DIAMETER: 10 FT; HEIGHT: 20 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D2181				
ACCUMULATOR, 6C-9, PRODUCT STRIPPER OVERHEAD, LENGTH: 16 FT; DIAMETER: 5 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D565				
VESSEL, FLASH, 6C-11, FOUL WATER, HEIGHT: 6 FT; DIAMETER: 2 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D567				
VESSEL, BOOSTER COMPRESSOR SUCTION, 6C-12, HEIGHT: 8 FT; DIAMETER: 3 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D568				
VESSEL, LOW PRESSURE GAS COMPRESSOR 1ST INTERSTAGE, 6C-14, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D570				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
TOWER, 6C-25/26/27, CLAY TREATER, 3 TOTAL, HEIGHT: 20 FT; DIAMETER: 10 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D571				
COMPRESSOR, RECYCLE, 6K-1, RECIPROCATING TYPE WITH PACKED GLAND, 400 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D572				E336.10
COMPRESSOR, 6K-2, LOW PRESSURE GAS, RECIPROCATING TYPE WITH PACKED GLAND, 600 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D574				E336.10, H23.34
COMPRESSOR, BOOSTER, 6K-3A, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D575				E336.10
COMPRESSOR, 6K-3B, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR, SPARE A/N: 409565 Permit to Construct Issued: 01/07/05	D576				E336.10

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING PROCESS					P13.1
FILTER, 6J-14A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D1741				
FILTER, 6J-15A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D1742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 409565 Permit to Construct Issued: 01/07/05	D1834			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
Process 6 : HYDROGEN PRODUCTION UNITS					
System 2 : HYDROGEN PLANT NO. 2					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2, S31.2
KNOCK OUT POT, 24C-1, FUEL GAS (INLINE MIXED NATURAL GAS & REFINERY GASES), COMMON TO GAS TURBINE COMBUSTOR (FUEL GAS) & H2 PLANT REACTOR (FEED GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 6 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2234				K171.7

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
KNOCK OUT POT, 24C-2, FEED GAS (INLINE MIXED NATURAL GAS, REFINERY GAS, H2 GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D385				
VESSEL, SEPARATOR/FILTER, 24J-19, OIL/FEED GAS, HEIGHT: 4 FT; DIAMETER: 1 FT 8 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2241				
COMPRESSOR, 24K-4A/B, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 1ST STAGE, COMMON TO GAS TURBINE (FUEL GAS) & H2 PLANT (FEED GAS) A/N: 435110 Permit to Construct Issued: 06/28/06	D2235				E336.15, H23.36, K171.7
COMPRESSOR, 24K-4A/B, H2 PLANT REFORMER REACTOR FEED GAS, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 2ND STAGE, EQUIPPED WITH CLOSED VENT SYSTEM VENTING TO VRS/FLARE A/N: 435111 Permit to Construct Issued: 06/28/06	D390				H23.34, K171.7

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
REACTOR, 24C-12, ZINC OXIDE, REFORMING REACTOR FEED TREATMENT, LENGTH: 19 FT 6 IN; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D369				
REACTOR, 24F-1(R), STEAM/HC REFORMING, TUBULAR TYPE, INTERNALLY INTEGRATED WITH FURNACE 24F-1 A/N: 435111 Permit to Construct Issued: 06/28/06	D2242				
REACTOR, HIGH TEMPERATURE SHIFT, 24C-14, HEIGHT: 21 FT; DIAMETER: 13 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D371				
REACTOR, LOW TEMPERATURE SHIFT, 24C-50, HEIGHT: 16 FT 6 IN; DIAMETER: 3 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D1203				
KNOCK OUT POT, 24C-4, NO. 1 LOW TEMPERATURE SHIFT REACTOR EFFLUENT, LENGTH: 9 FT; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D386				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
KNOCK OUT POT, 24C-5, NO. 2 LOW TEMPERATURE SHIFT REACTOR EFFLUENT, LENGTH: 11 FT; DIAMETER: 7 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D387				
ADSORBER, PRESSURE SWING, 24C-15 TO 24C-26, 12 TOTAL, HEIGHT: 34 FT; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D372				
FILTER, 24J-5A/B, H2 PRODUCT GAS, 2 TOTAL, LENGTH: 8 FT; DIAMETER: 1 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D392				
VESSEL, 24C-7, PSA GAS SURGE, HEIGHT: 67 FT 1 IN; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2243				
VESSEL, 24C-6, PSA GAS MIX, HEIGHT: 93 FT 8 IN; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2244				
VESSEL, DEAERATOR, 24C-10, VENT TO ATMOSPHERE, HEIGHT: 10 FT; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D2245				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : HYDROGEN PRODUCTION UNITS					
System 3 : HYDROGEN PRODUCTION UNITS HEATERS					
FURNACE, HYDROGEN PLANT REFORMING, 4F-1, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, WITH ZEECO BURNERS MODEL GLSF10, WITH LOW NOX BURNER, 527 MMBTU/HR WITH A/N: BURNER, LO-NOX, NATURAL GAS, REFINERY GAS, ZEECO , MODEL GLSF10, WITH LOW NOX BURNER, 136 TOTAL; 527 MMBTU/HR	D367	S1971 S2021	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5A) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, D28.8, D90.12, E193.16, H23.13, K40.4
Process 8 : ALKYLATION UNIT					P13.1
System 5 : N-BUTANE (ALKYLATION PRODUCT) TREATING					S7.5, S46.1
TOWER, 10C-11, ALUMINA A/N: 384498 Permit to Construct Issued: 11/15/01	D1995				
VESSEL, 10C-12, KOH TREATER A/N: 384498 Permit to Construct Issued: 11/15/01	D1996				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : GAS PRODUCTION PROCESS					P13.1
System 6 : ISOBUTANE (ALKYLATION FEED) TREATING					S13.2, S15.2, S15.15, S31.2
VESSEL, COALESCER, 11C-10, ISOBUTANE, LENGTH: 10 FT 9 IN; DIAMETER: 4 FT A/N: 411508 Permit to Construct Issued: 10/10/03	D479				
DRYER, MOLECULAR SIEVES ADSORBENT, ISOBUTANE (ALKYLATION FEED), 2 TOTAL FOR ALTERNATING REGENERATION, LENGTH: 18 FT; DIAMETER: 4 FT WITH A/N: 411508 Permit to Construct Issued: 10/10/03 PUMP, 2 TOTAL (ONE SPARE), 5 BHP EACH, DOUBLE MECHANICAL SEALS WITH PUMP SEAL CHAMBER VENTED TO VAPOR RECOVERY SYSTEM HEAT EXCHANGER, VAPORIZER, SHELL AND FINNED TUBE TYPE HEAT EXCHANGER, COOLER, SHELL AND FINNED TUBE TYPE	D2130				K171.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411508 Permit to Construct Issued: 10/10/03	D2123				H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS.etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
System 12 : Fuel gas treating Unit 27/MEROX mercaptan-extraction & oil absorption					S13.2, S15.1, S31.3
COLUMN, MERCAPTAN-EXTRACTION (COMBINATION COLUMN), 27C-09A, CAUSTIC WASH, HEIGHT: 132 FT 6 IN; DIAMETER: 6 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1320				
KNOCK OUT POT, 27C-05A, OIL ABSORBER FEED, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1316				
VESSEL, MERCAPTAN-OIL ABSORBER, 27C-15A, KEROSINE, HEIGHT: 61 FT; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D2246				
VESSEL, FLASH, 27C-29A, RICH KEROSENE, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D2247			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E336.9
VESSEL, OXIDIZER/CAUSTIC, 27C-10A, HEIGHT: 34 FT; DIAMETER: 3 FT 6 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1322				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : TREATING/STRIPPING PROCESS					P13.1
POT, ADDITION, 27C-14A, OXIDIZER CATALYST, HEIGHT: 3 FT; DIAMETER: 1 FT 10 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1330				
VESSEL, SEPARATOR, 27C-11A, DISULFIDE, LENGTH: 33 FT; DIAMETER: 6 FT 6 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1324			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E336.17
FILTER, SAND, 27C-27A, KEROSENE/DISULFIDE, HEIGHT: 7 FT; DIAMETER: 3 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1341			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E336.9
VESSEL, DEGASSING, 27C-13A, SPENT CAUSTIC, HEIGHT: 10 FT; DIAMETER: 2 FT 4 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1328			**SOX:** 500 PPMV (5) [RULE 407,4-2-1982]	E336.9
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 475236 Permit to Construct Issued: 10/30/08	D2249			**HAP:** (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
System 1 : CLAUS TRAIN A					S13.6, S15.1, S15.2, S18.3
PIT, ACCUMULATOR, 29R-1A, SULFUR A/N: 353806 Permit to Construct Issued: 07/06/99	D668			**H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,4-20-2006] ; SOX: 500 PPMV (5A) [RULE 468,10-8-1976]** **SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	
System 2 : CLAUS TRAIN B					S13.6, S15.1, S15.2, S18.3
PIT, ACCUMULATOR, 29R-1B, SULFUR A/N: 355279 Permit to Construct Issued: 07/06/99	D671	C952		**H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,4-20-2006] ; SOX: 500 PPMV (5A) [RULE 468,10-8-1976]** **SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	
System 5 : TAIL GAS INCINERATORS					
OXIDIZER, THERMAL, 29F-4, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNER, 100 MMBTU/HR WITH A/N: 353811 Permit to Construct Issued: 07/06/99	C952	D653 D671 S1953	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]**	C8.8, D28.25, D82.1, H23.13

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : SULFUR PRODUCTION PROCESS					P13.1
BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 100 MMBTU/HR					
System 6 : SULFUR STORAGE					S15.5
PIT, STORAGE, 28R- 137, SULFUR, ACID-RESISTANT CONCRETE, 9163 BBLS, WITH 2 PRV EMERGENCY VENTING TO ATMOSPHERE, WIDTH: 48 FT; DEPTH: 14 FT 3 IN; LENGTH: 75 FT A/N: 475234 Permit to Construct Issued: 10/30/08	D1375			SOX: 500 PPMV (5) [RULE 407,4-2-1982]	E336.18
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 1 : LPG/LSR RAIL CAR LOADING/UNLOADING RACK					S7.5, S15.1, S15.2, S31.2
LOADING AND UNLOADING ARM, LIQUIFIED PETROLEUM GAS, 16 TOTAL; DIAMETER: 2 IN A/N: 384499 Permit to Construct Issued: 11/15/01	D675				E193.6, E336.7, K67.4
LOADING AND UNLOADING ARM, LIGHT STRAIGHT RUN, LIQUIFIED PETROLEUM GAS, 8 TOTAL; DIAMETER: 2 IN A/N: 384499 Permit to Construct Issued: 11/15/01	D1994				C1.53, E336.6, K67.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 384499 Permit to Construct Issued: 11/15/01	D1855			**HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]**	H23.34
System 3 : GASOLINE LOADING RACK NO. 1					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, BOTTOM, LOADING RACK NO. 1, GASOLINE, WITH VAPOR RECOVERY SYSTEM, 6 TOTAL; DIAMETER: 4 IN A/N: 389291 Permit to Construct Issued: 11/16/01	D1526			**TOC: 35 MG/L (8) [40CFR 60 Subpart XX,12-19-2003] ; VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]**	C1.47
System 4 : GASOLINE LOADING RACK NO. 3					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, TANK TRUCK, LOADING RACK NO. 3, GASOLINE, WITH VAPOR RECOVERY SYSTEM, 6 TOTAL; DIAMETER: 4 IN A/N: 389292 Permit to Construct Issued: 11/15/01	D1520			**TOC: 35 MG PER DSCM (8) [40CFR 60 Subpart XX,12-19-2003] ; VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]**	C1.47
System 6 : LIQUID SULFUR TRUCK LOADING					S15.5
LOADING ARM, TOP, ONE 2" OVERHEAD SWING-TYPE, WITH 3" FLEXIBLE VAPOR RECOVERY HOSE, DIAMETER: 2 IN A/N: 475232 Permit to Construct Issued: 10/30/08	D644			**SOX: 500 PPMV (5) [RULE 407,4-2-1982]**	E336.18

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
System 7 : SULFUR VAPOR COLLECTION SYSTEM					S15.6, S18.4
EDUCTOR, STEAM, 28H-6, H2S TREATED STREAMS, (CARBON VESSELS 28C-107 & 108 EFFLUENT & INCINERATOR 28F-11 INFLUENT), 350 SCFM A/N: 432510 Permit to Construct Issued: 10/30/08	D2391				
System 8 : APC SYSTEM					S18.5
KNOCK OUT POT, 28J-61, SULFUR STORAGE PIT 28R-137 & TRUCK LOADING VENT GAS, HEIGHT: 6 FT 10 IN; DIAMETER: 2 FT 11 IN A/N: 475231 Permit to Construct Issued: 10/30/08	D2392				
CARBON ADSORBER, VESSEL, 28C-107, SERVING SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, MIDAS OCM H2S TREATING, ACTIVATED CARBON-METAL OXIDE MATRIX, USFILTER, IN SERIES WITH VESSEL 28C-108 & INCINERATOR 28F-11, DIA: 4 FT, H: 12 FT, 3000 LBS A/N: 475231 Permit to Construct Issued: 10/30/08	C2393				D90.13, D90.14, E153.7, K67.18

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
CARBON ADSORBER, VESSEL, 28C-108, SERVING SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, MIDAS OCM H2S TREATING, ACTIVATED CARBON-METAL OXIDE MATRIX, USFILTER, IN SERIES WITH VESSEL 28C-107 & INCINERATOR 28F-11, DIA: 4 FT, H: 12 FT, 3000 LBS A/N: 477259 Permit to Construct Issued: 10/30/08	C2394				D90.13, D90.14, E153.7, K67.18
KNOCK OUT POT, 28C-103, DISULFIDE SEPARATOR VENT GAS, HEIGHT: 8 FT; DIAMETER: 1 FT 6 IN A/N: 483878 Permit to Construct Issued: 10/30/08	D2248				
INCINERATOR, 28F-11, NATURAL GAS, PROCESS GAS, REFINERY GAS, H2S TREATED SULFUR STORAGE PIT & TRUCK LOADING VENT STREAMS, 60 MMBTU/HR WITH A/N: 483878 Permit to Construct Issued: 10/30/08 BURNER, NATURAL GAS, REFINERY GAS, 4 TOTAL; 60 MMBTU/HR	C626	S1766		CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986]	B61.3, C8.3, D29.5, D90.12, D90.14, D328.2, E193.16, H23.13
STACK, HEIGHT: 150 FT; DIAMETER: 6 FT 6 IN A/N: 483878 Permit to Construct Issued: 10/30/08	S1766				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 483878 Permit to Construct Issued: 10/30/08	D1844			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 9 : VACUUM RESID LOADING/UNLOADING					S1.3, S13.8, S15.6
LOADING AND UNLOADING ARM, TANK TRUCK, TOP, 50J-28A/B, VACCUM RESID, LOADING BAY NO. 1, 2 TOTAL; DIAMETER: 4 IN A/N: 369333 Permit to Construct Issued: 06/09/00	D1767	C1769		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	
LOADING AND UNLOADING ARM, TANK TRUCK, TOP, 50J-29A/B, VACUUM RESID, LOADING BAY NO. 2, 2 TOTAL; DIAMETER: 4 IN A/N: 369334 Permit to Construct Issued: 06/09/00	D1768	C1769		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 369334 Permit to Construct Issued: 06/09/00	D2351			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 10 : APC SYSTEM SERVING VACUUM RESID LOADING/UNLOADING					S18.6
MIST ELIMINATOR, 50J-27, KOCH-GLITSCH, INC, AVS-1500, MODEL BD-PFF-MKII, SERVING LOADING BAYS NO. 1 & 2, HEIGHT: 11 FT; DIAMETER: 4 FT 6 IN A/N: 369338 Permit to Construct Issued: 06/09/00	C1769	D1767 D1768 C1776			D12.9

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : LOADING/UNLOADING PROCESS					P13.1
OXIDIZER, CATALYTIC, THERMAL, 50J-30, NATURAL GAS, PROCESS GAS, PROPANE, 1.7 MMBTU/HR A/N: 369332 Permit to Construct Issued: 06/09/00	C1776	C1769 S2017	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] SOX: 82 PPMV NATURAL GAS (7) [RULE 2011,5-6-2005]	C1.16, C8.6, C8.7, D12.5, D28.5, D28.9, H23.13, K40.5
STACK A/N: 369332 Permit to Construct Issued: 06/09/00	S2017	C1776			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 369332 Permit to Construct Issued: 06/09/00	D2352			HAP: (10) [40CFR 63 Subpart CC, #5A,6-23-2003]	H23.34
System 11 : ETHANOL UNLOADING RACK					S7.5, S31.2
UNLOADING ARM, TRUCK, ETHANOL, 2 TOTAL; DIAMETER: 4 IN A/N: 385155 Permit to Construct Issued: 11/15/01	D2006				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 385155 Permit to Construct Issued: 11/15/01	D2014				H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
System 4 : SELENIUM TREATMENT SYSTEM					S7.6
TANK, OXIDATION, 28D-56, STRIPPED SOUR WATER, WITH FLOATING ROOF, PV VENT,AND INTERNAL RECIRCULATION EDUCTOR, 360000 GALS; DIAMETER: 35 FT; HEIGHT: 50 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2157				
TANK, 28D-57,, HYDROGEN PEROXIDE, 7400 GALS; DIAMETER: 12 FT; HEIGHT: 11 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2158				
TANK, 28D-58, FERRIC CHLORIDE, 6000 GALS; DIAMETER: 11 FT; HEIGHT: 11 FT 6 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2159				
TANK, 28D-59, CAUSTIC, 6000 GALS; DIAMETER: 11 FT; HEIGHT: 11 FT 6 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2160				
TANK, 28D-60, CLARIFIER POLYMER, HEIGHT: 3 FT 4 IN; DIAMETER: 4 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2161				

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
REACTOR, CLARIFIER, 28C-105, 211340 GAL, COVERED WITH ATMOSPHERIC VENT AND MIXER, HEIGHT: 17 FT; DIAMETER: 46 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2162				
TANK, 28C-106, SOLIDS THICKENER, COVERED WITH ATMOSPHERIC VENT, 50200 GALS; DIAMETER: 23 FT; HEIGHT: 28 FT 5 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2163				
TANK, MIX, 28M-2, SLUDGE, WITH TWO TOP ENTRY MIXERS, 10500 GALS; WIDTH: 8 FT 6 IN; HEIGHT: 10 FT; LENGTH: 24 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2164				
TANK, 28D-62, DEWATERING POLYMER, 275 GALS; DIAMETER: 4 FT; HEIGHT: 3 FT 4 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2165				
FILTER, 28M-1, CENTRIFUGE, CAPACITY 80 GPM, TYPE: TWO PHASE DECANTER,, 75 HP A/N: 430959 Permit to Construct Issued: 08/12/04	D2166				E193.12

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14 : WASTEWATER SEPARATION PROCESS					P13.1
TANK, 28D-61, EFFLUENT CATCH, 210 GALS; DIAMETER: 3 FT; HEIGHT: 4 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2167				
SUMP, 28R-141, CLARIFIED WATER, WIDTH: 10 FT; HEIGHT: 10 FT; LENGTH: 10 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2168				
Process 15 : PETROLEUM STORAGE					P13.1
System 5 : INTERNAL FLOATING ROOF					S13.4
STORAGE TANK, 15X420, ETHANOL, 1500 BBL; DIAMETER: 24 FT; HEIGHT: 18 FT 4 IN WITH A/N: 384491 Permit to Construct Issued: 11/15/01 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D1997				C1.43, C6.1, D182.6, E193.8

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, 15X421, ETHANOL, 1500 BBL; DIAMETER: 24 FT; HEIGHT: 18 FT 4 IN WITH A/N: 385157 Permit to Construct Issued: 11/15/01 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D2001				C1.43, C6.1, D182.6, E193.8
System 6 : DOMED EXTERNAL FLOATING ROOF STORAGE					S13.10
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X52, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 453880 Permit to Construct Issued: 03/23/06 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED	D753			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	H23.32, K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X67, GASOLINE, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 410655 Permit to Construct Issued: 08/15/03 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D764			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.65, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X54, RIVETED, 134000 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 45 FT 6 IN WITH A/N: 420623 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D755			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X55, RIVETED, 134000 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 46 FT WITH A/N: 420624 Permit to Construct Issued: 07/02/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D756			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER					
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X92, RIVETED, 80000 BBL; DIAMETER: 117 FT 6 IN; HEIGHT: 41 FT 2 IN WITH A/N: 420620 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D746			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X95, RIVETED, 80000 BBL; DIAMETER: 120 FT; HEIGHT: 40 FT WITH A/N: 420621 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D745			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 300X33, WELDED, 30000 BBL; DIAMETER: 67 FT; HEIGHT: 47 FT 5 IN WITH A/N: 432489 Permit to Construct Issued: 08/26/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D701			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 300X34, WELDED, 30000 BBL; DIAMETER: 67 FT; HEIGHT: 47 FT 6 IN WITH A/N: 432490 Permit to Construct Issued: 08/26/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D740			**HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.4

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X57, RIVETED, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 45 FT 5 IN WITH A/N: 432491 Permit to Construct Issued: 08/26/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D758			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.4
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X61, WELDED, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 47 FT 11 IN WITH A/N: 432493 Permit to Construct Issued: 08/26/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D775			HAP: (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	K67.2, K171.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER					
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 400X11, GASOLINE, 40000 BBL; DIAMETER: 95 FT 5 IN; HEIGHT: 32 FT WITH A/N: 442860 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D742			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	C1.29, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 400X12, GASOLINE, 40000 BBL; DIAMETER: 94 FT 1 IN; HEIGHT: 32 FT WITH A/N: 442863 Permit to Construct Issued: 01/25/06 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D743			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	C1.29, K171.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 300X9, GASOLINE, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: 442864 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D734			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	C1.33, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 300X10, GASOLINE, 30000 BBL; DIAMETER: 78 FT; HEIGHT: 38 FT WITH A/N: 442866 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D735			**HAP:** (10) [40CFR 63 Subpart CC, #3A,6-23-2003]	C1.33, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 1340X60, 134000 BBL; DIAMETER: 140 FT; HEIGHT: 48 FT WITH A/N: 442867 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D759			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1
STORAGE TANK, RIVETED SHELL, EXTERNAL FLOATING ROOF, 1340X62, 134000 BBL; DIAMETER: 144 FT; HEIGHT: 46 FT WITH A/N: 442868 Permit to Construct Issued: 01/25/06 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D760			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,6-23-2003]**	K67.2, K171.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15 : PETROLEUM STORAGE					P13.1
SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
Process 17 : PETROLEUM MISCELLANEOUS PROCESSES					
System 17 : SUMP, COVERED & CONTROLLED					
SUMP, WASH WATER COLLECTION SERVING A MACHINE SHOP WASH PAD, THREE COMPARTMENTS, CONCRETE WITH 6 IN. WALLS, FIXED COVER, WITH ACTIVATED CARBON ADSORPTION, SUBMERGED FILLING, 6434 GALS; WIDTH: 10 FT 10 IN; DEPTH: 8 FT; LENGTH: 18 FT 6 IN A/N: 416818 Permit to Construct Issued: 12/31/03	D2136	C2135		VOC: 500 PPMV (5) [RULE 1176,9-13-1996]	E71.8, K171.3
CARBON ADSORBER, TOTAL OF 2, CONNECTED IN SERIES, EACH 180 LBS A/N: 416818 Permit to Construct Issued: 12/31/03	C2135	D2136			D90.6, E128.2, E153.4

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 18 : ELECTRICITY GENERATION					
System 1 : COGENERATION SYSTEM					S15.1, S31.2
KNOCK OUT POT, 24C-1, FUEL GAS (INLINE MIXED NATURAL GAS & REFINERY GASES), COMMON TO GAS TURBINE COMBUSTOR (FUEL GAS) & H2 PLANT REACTOR (FEED GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 6 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2234				K171.7
COMPRESSOR, 24K-4A/B, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 1ST STAGE, COMMON TO GAS TURBINE (FUEL GAS) & H2 PLANT (FEED GAS) A/N: 435110 Permit to Construct Issued: 06/28/06	D2235				E336.15, H23.36, K171.7
VESSEL, SEPARATOR, 24C-45, FUEL GAS, HEIGHT: 3 FT 11 IN; DIAMETER: 1 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2236				K171.7
VESSEL, COALESCER, 24C-68A/B, FUEL GAS, 2 TOTAL IN PARALLEL, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2237				K171.7

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 18 : ELECTRICITY GENERATION					
TURBINE, 24J-01, COGENERATION SYSTEM, (COMBINED CYCLE), AIR COMPRESSOR, BUTANE, NATURAL GAS, PROPANE, REFINERY GAS, GE MODEL 52614P, COMBUSTOR WITH STEAM INJECTION, GAS TURBINE, 316 MMBTU/HR WITH A/N: 435110 Permit to Construct Issued: 06/28/06	D926	D925	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO: 88.54 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] ; NOX: 210 PPMV (8) [40CFR 60 Subpart GG,2-24-2006] ; NOX: 9 PPMV (4) [RULE 2005,5-6-2005]** **NOX: 42 LBS/HR (7) [RULE 2005,5-6-2005] ; PM: 0.01 GRAINS/SCF (5) [RULE 475,10-8-1976;*RULE 475,8-7-1978*] ; PM: 11 LBS/HR (5A) [RULE 475,10-8-1976** *RULE 475,8-7-1978*] ; **PM: 0.1 GRAINS/SCF (5B) [RULE 409,8-7-1981] ; PM10: 24.94 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996]** **ROG: 62.35 LBS/HR (7) [RULE 1303(b)(2)-Offset,5-10-1996] ; SO2: 150 PPMV (8) [40CFR 60 Subpart GG,2-24-2006] ; SO2: 20 PPMV (8A) [40CFR 60 Subpart J,6-24-2008]** **SOX: 17.03 LBS/HR (7) [RULE 2005,5-6-2005]**	A195.1, A327.1, B61.4, B61.6, D28.22, D28.23, D82.3, D82.4, D90.3, D182.3, D182.4, H23.15, K171.5

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 18 : ELECTRICITY GENERATION					
GENERATOR, ELECTRIC, 22.83 MW					
TURBINE, 24J-2, UNFIRED, STEAM TURBINE WITH A/N: 435110 Permit to Construct Issued: 06/28/06 GENERATOR, ELECTRIC, 19.3 MW	D2239				K171.5
Process 19 : AIR POLLUTION CONTROL PROCESS					
System 1 : REFINERY EMERGENCY RELIEF SYSTEM					S13.2, S18.1
FLARE, ELEVATED WITH STEAM INJECTION, WEST, 65F-3, HEIGHT: 200 FT; DIAMETER: 4 FT A/N:	C891				B61.5, D12.6, D323.2, E193.2, H23.13, H23.35, I1.1
FLARE, GROUND FLARE, ZTOF 65F-8, NO. 2, EMERGENCY, PRIMARY, AUTOMATIC STEAM CONTROLS, JOHN ZINK, FOUR STAGE, HEIGHT: 125 FT; DIAMETER: 42 FT A/N: 426464 Permit to Construct Issued: 01/07/05	C894			CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	B61.5, D12.10, D323.2, E193.2, H23.13, H23.35, I1.1
System 3 : Coker Offgas/Central Vapor Recovery Compressor System					S7.5, S13.2, S15.1, S15.14, S18.8
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-36 A/N: 443875 Permit to Construct Issued: 10/18/06	D981				E71.6, H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19 : AIR POLLUTION CONTROL PROCESS					
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-37 A/N: 443875 Permit to Construct Issued: 10/18/06	D982				E71.6, H23.34
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-38 A/N: 443875 Permit to Construct Issued: 10/18/06	D983				E71.6, H23.34
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-39 A/N: 443875 Permit to Construct Issued: 10/18/06	D984				E71.6, H23.34
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
System 1 : ENVIREX Biotreatment&Liquid Phase Carbon Adsorption (Lower Layer GW)					S4.3, S13.2
TANK, #1&2, EQUALIZATION, FIXED COVER, LOWER LAYER GROUNDWATER, EXTRACTED FROM 6 WELLS (EW01-EW06) WITH SUBMERGED PUMPS, 2 TOTAL, 21000 GALS; WIDTH: 8 FT; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2112	C2113		**BENZENE:** 5 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996] ; HAP:** (10) **[40CFR 63 Subpart CC, #4,6-23-2003] ;** VOC: 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]** VOC: 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]**	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404805 Permit to Construct Issued: 05/27/03	C2113	D2112			D90.5, D94.1, E128.1, E153.1
FILTER, 723-26, REACTOR INLET STRAINER A/N: 404805 Permit to Construct Issued: 05/27/03	D2114				
REACTOR, BIOREACTOR, 72D-43, ENVIREX, FIXED COVER, WITH NUTRIENT & DISSOLVED OXYGEN INJECTORS, 32000 GALS; DIAMETER: 14 FT; HEIGHT: 28 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2115	C2118		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; **HAP:** (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; **VOC:** 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] **VOC:** 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	E193.9
VESSEL, PRESSURIZED BUBBLE CONTACTOR, 72C-40, 75 PSIG, SERVES TO DISSOVE O2 IN THE REACTOR VESSEL, HEIGHT: 25 FT; DIAMETER: 5 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2116				
VESSEL, SEPARATOR, 72D-44, FIXED COVER, WITH HYPOCHLORITE & POLYMER INJECTORS AT THE EFFLUENT, 10500 GALS; DIAMETER: 8 FT; HEIGHT: 28 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2117	C2118		**BENZENE:** 5 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; **HAP:** (10) [40CFR 63 Subpart CC, #4,6-23-2003] ; **VOC:** 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22 : GROUNDWATER (GW) TREATMENT					P13.1
				VOC: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, ACTIVATED CARBON, 2 PARALLEL TRAINS (ONE SPARE), EACH WITH TWO 180 LBS CARBON CANISTERS IN SERIES A/N: 404805 Permit to Construct Issued: 05/27/03	C2118	D2115 D2117			D90.5, D94.1, E128.1, E153.1
FILTER, PRESSURIZED VESSEL, 72J-29, DUAL MEDIA, 100 PSIG, LENGTH: 32 FT; DIAMETER: 8 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2119				
VESSEL, ACTIVATED CARBON, 72J-15A/B & 72J-16A/B, LIQUID PHASE, 2 PARALLEL TRAINS, EACH WITH TWO VESSELS IN SERIES, HEIGHT: 19 FT 4 IN; DIAMETER: 10 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2120			HAP: (10) [40CFR 63 Subpart CC, #4,6-23-2003]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 404805 Permit to Construct Issued: 05/27/03	D2111			VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003]	H23.34

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 23 : RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
System 1 : FCCU, Cracking System					S4.1, S7.9, S13.2, S15.1, S42.2
REACTOR, 2C-4, WITH INTERNAL REACTOR RISER & 1ST & 2ND STAGE CATALYST SEPARATORS, HEIGHT: 44 FT; DIAMETER: 23 FT 6 IN WITH A/N: 485241 Permit to Construct Issued: 11/26/08 COLUMN, STRIPPER, STEAM, 2C-5, HC VAPOR/SPENT CATALYST, HEIGHT: 25 FT 6 IN; DIAMETER: 12 FT 6 IN	D2402				E336.19
REGENERATOR, 2C-3, HEIGHT: 45 FT; DIAMETER: 37 FT 2 IN WITH A/N: 485241 Permit to Construct Issued: 11/26/08	D2404	C164 C165 C166 C1590 C1772 C2283 C2284	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 500 PPMV (8) [40CFR 60 Subpart J,6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] HAP: (10) [40CFR 63 Subpart UUU, #2,4-20-2006] ; NH3: 10 PPMV (5) [RULE 1105.1,11-7-2003] ; NOX: 20 PPMV (8) [CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]	A63.4, A99.1, A99.2, A99.3, A195.2, A195.3, A195.4, A195.5, A195.6, A195.7, A195.8, D29.3, D82.2, D82.5, D90.4, E193.18, E193.20, E448.2, H23.17, K67.14, K67.15

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 23 : RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
INJECTOR, FCCU CYCLE OIL/HYDROTREATED GAS OIL				**NOX:** 40 PPMV (8A) [**CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** ; **NOX:** 140 PPMV (8B) [**CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]** ; **PM:** 1 LB(S)/1000 LBS (8) **[40CFR 60 Subpart J,6-24-2008]** ; **PM:** (9) **[RULE 404,2-7-1986** **RULE 405,2-7-1986]** ; **PM10:** 0.005 GRAINS/SCF (5) **[RULE 1105.1,11-7-2003]** ; **PM10:** 2.8 LBS/1000 BBLS (5A) **[RULE 1105.1,11-7-2003]** **PM10:** 3.6 LBS/HR (5B) **[RULE 1105.1,11-7-2003]** ; **SOX:** 25 PPMV (8) [**CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]** **SOX:** 50 PPMV (8A) **[40CFR 60 Subpart J,6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809,12-13-2005]**	

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 23 : RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
INJECTOR, HOPPER, CO PROMOTER CATALYST, 2G-19, D: 2 FT, H: 4 FT 4 IN INJECTOR, CATALYST ADDITIVES (GRACE DAVISON OLEFINSMAX ZSM-5), SOX SUPER REDUCING CATALYST (GRACE DAVISON SUPER DESOX), BASE CATALYST (GRACE DAVISON GENESIS-2634), CO PROMOTER (GRACE DAVISON CP-5)					

* (1)(1A)(1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

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EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

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D567	22	4	5
D568	22	4	5
D570	22	4	5
D571	23	4	5
D572	23	4	5
D574	23	4	5
D575	23	4	5
D576	23	4	5
C626	36	13	8
D644	34	13	6
D668	32	12	1
D671	32	12	2
D675	33	13	1
D701	46	15	6
D734	50	15	6
D735	51	15	6
D740	47	15	6
D742	49	15	6
D743	50	15	6
D745	46	15	6
D746	45	15	6
D753	42	15	6
D755	44	15	6
D756	44	15	6
D758	48	15	6
D759	52	15	6

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D760	52	15	6
D764	43	15	6
D775	48	15	6
C891	56	19	1
C894	56	19	1
D926	55	18	1
C952	32	12	5
D981	56	19	3
D982	57	19	3
D983	57	19	3
D984	57	19	3
D1202	19	4	3
D1203	26	6	2
D1244	20	4	3
D1256	17	4	1
D1260	17	4	1
D1316	30	11	12
D1320	30	11	12
D1322	30	11	12
D1324	31	11	12
D1328	31	11	12
D1330	31	11	12
D1341	31	11	12
D1375	33	12	6
D1520	34	13	4
D1526	34	13	3
S1739	6	3	1
D1741	24	4	5
D1742	24	4	5
S1766	36	13	8
D1767	37	13	9
D1768	37	13	9
C1769	37	13	10
C1772	9	3	2
C1776	38	13	10
D1803	17	4	1

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1810	20	4	3
D1834	24	4	5
D1844	37	13	8
D1855	34	13	1
D1994	33	13	1
D1995	28	8	5
D1996	28	8	5
D1997	41	15	5
D2001	42	15	5
D2006	38	13	11
D2014	38	13	11
S2017	38	13	10
D2111	59	22	1
D2112	57	22	1
C2113	58	22	1
D2114	58	22	1
D2115	58	22	1
D2116	58	22	1
D2117	58	22	1
C2118	59	22	1
D2119	59	22	1
D2120	59	22	1
D2123	29	9	6
D2130	29	9	6
C2135	53	17	17
D2136	53	17	17
D2157	39	14	4
D2158	39	14	4
D2159	39	14	4
D2160	39	14	4
D2161	39	14	4
D2162	40	14	4
D2163	40	14	4
D2164	40	14	4
D2165	40	14	4
D2166	40	14	4

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D2167	41	14	4
D2168	41	14	4
D2179	20	4	5
D2180	22	4	5
D2181	22	4	5
D2182	19	4	3
D2183	17	4	3
D2184	12	4	1
D2185	12	4	1
D2187	12	4	1
D2188	12	4	1
D2234	54	18	1
D2234	24	6	2
D2235	54	18	1
D2235	25	6	2
D2236	54	18	1
D2237	54	18	1
D2239	56	18	1
D2241	25	6	2
D2242	26	6	2
D2243	27	6	2
D2244	27	6	2
D2245	27	6	2
D2246	30	11	12
D2247	30	11	12
D2248	36	13	8
D2249	31	11	12
D2251	1	1	4
D2252	2	1	4
D2253	2	1	4
D2254	2	1	4
D2278	6	3	1
C2283	8	3	2
C2284	9	3	2
D2351	37	13	9
D2352	38	13	10

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D2391	35	13	7
D2392	35	13	8
C2393	35	13	8
C2394	36	13	8
D2395	10	3	8
C2397	11	3	8
D2402	60	23	1
D2404	60	23	1

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

(a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)

(b) In-line Mixer

(c) Pump

(d) Knockout Pot - Compressor inlet (immediate inlet) and interstage

(e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001]

F34.1 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR79
40CFR80
California Code of Regulations, Title 13, Division 3, Chapter 5

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL CASE No. 05 C 5809. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled

40CFR60, Subpart A

40CFR61 Subpart A

40CFR63, Subpart A

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

PROCESS CONDITIONS

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22, 23]

SYSTEM CONDITIONS

S1.2 The operator shall limit the production rate to no more than 1.4e+06 ton(s) in any one year.

The purpose(s) of this condition is to limit production rate without increasing the maximum allowable PM10 emissions based on existing production capacity and not triggering New Source Review. This production limitation shall be reassessed if a different emission factor for PM10 is deemed more apprpriate for this process by the District.

The purpose(s) of this condition is to limit the coke production for both North and South Delayed Coking Units at 1400000 dry tons/yr.

The purpose(s) of this condition is to require Mobil to maintain production records on a monthly basis on site, and available for District inspection.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 1 , 2]

S1.3 The operator shall limit the throughput to no more than 300000 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 9]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S1.4 The operator shall limit the throughput to no more than 1400000 ton(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 3]

S1.5 The operator shall limit the throughput to no more than 8000 ton(s) in any one day.

Throughput shall be defined as coke material with a moisture content of 10 % or less

[RULE 1303, 5-10-1996]

[Systems subject to this condition : Process 2, System 7]

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 2.5 lbs/mmscf of hydrogen produced

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 6, System 1 , 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S4.1 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applciations: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21

All new valves & flanges in VOC service except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may revert to quarterly inspection upon District approval, after 2 consecutive monthly inspecitons in which only 2 percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv, repair shall be attempted within 5 days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 3, System 1 , 5; Process 4, System 1; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 6; Process 9, System 1 , 2; Process 11, System 3 , 4; Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S4.2 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

The operator shall monitor the groundwater extraction well caps, pumps (except submerged pump(s)), fittings, and hatches with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 22, System 2]

S4.3 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

The operator shall monitor the pumps (except submerged pump(s)) and valves located before the liquid phase activated carbon, the groundwater extraction well caps, and process drains with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 22, System 1]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S7.2 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not operate this equipment unless the vessel receiver (10C-9), additive storage tank (10D-1) and the two steam ejectors (10H-1A/B and 10H-2A/B) are vented to a vapor recovery system whenever they are in use.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g., drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 8, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S7.3 The following conditions shall apply to all refinery operation and related devices from this system:

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g., drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996]**

[Systems subject to this condition : Process 8, System 4]

S7.5 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified Environmental Impact Report dated 12-October-2001.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 8, System 5; Process 13, System 1 , 3 , 4 , 11; Process 19, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S7.6 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not use this system to process wastewater having VOC content of 5 mg per liter or more as determined by test method specified in District Rule 1176.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 14, System 4]

S7.9 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall only inject the SOx reducing catalyst (GRACE Davison Super DESOX) into the regenerator as research catalyst during R441 experimental period

The operator shall keep records, in a manner approved by the District, for the usage of SOx reducing catalyst (GRACE Davison Super DESOX) during the experimental period

The AQMD shall be notified at least 3 days prior to the start date of each trial

The operator shall provide to the District an experimental report including, but not limited to, the SOx emission data, no later than 45 days after each trial

The operator shall provide to the District an experimental report including, but not limited to, the NOx emission data, no later than 45 days after each trial

This Rule 441 research shall expire November 26, 2009, or sooner if the research has been completed. Should extension be necessary, a written request shall be submitted to the AQMD by October 26, 2009, stating the length and reason for the extension

[RULE 441, 5-7-1976]

[Systems subject to this condition : Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Systems subject to this condition : Process 2, System 3 , 7 , 8]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 2 , 4 , 7; Process 2, System 1 , 2 , 4 , 5; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 17, System 5; Process 19, System 1 , 3 , 7; Process 22, System 1; Process 23, System 1]

S13.3 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	District Rule	463

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **RULE 463, 5-6-2005]**

[Systems subject to this condition : Process 15, System 3]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1178

[RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 15, System 1 , 2 , 5]

S13.5 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1189

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 6, System 1 , 2]

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Systems subject to this condition : Process 12, System 1 , 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.7 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX

[RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003]

[Systems subject to this condition : Process 13, System 3 , 4]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Systems subject to this condition : Process 13, System 9]

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 1, System 3; Process 14, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

For Rule 463 applicability, only division (d) in the 11 March 1994 amendment, or equivalent requirements in the future amendments, shall apply to the domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006**; **RULE 463, 5-6-2005]**

[Systems subject to this condition : Process 15, System 6]

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	40CFR60, SUBPART	QQQ

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Systems subject to this condition : Process 14, System 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.1 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown flare system except Devices IDs D35, D1250, D2145, D57 TO D62, D71, D68, D86-D91, D98, D152, D237, D349, D360, D629, D630, D631, D657, D638, D668, D671, D1503-D1505, D1507 that vent to the atmosphere.

This process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1 , 2 , 3 , 4 , 7; Process 2, System 1 , 2 , 4 , 5; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 12, System 1 , 2 , 3 , 4; Process 13, System 1 , 2 , 3 , 4; Process 17, System 5 , 8 , 11; Process 18, System 1; Process 19, System 3; Process 23, System 1]

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1 , 2; Process 2, System 4 , 5; Process 3, System 5; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2; Process 12, System 1 , 2; Process 13, System 1 , 2 , 3 , 4; Process 17, System 8 , 11]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the sulfur recovery unit is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Systems subject to this condition : Process 11, System 4 , 6 , 7 , 9 , 10 , 11]

S15.5 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a sulfur vapor collection system.

This process/system shall not be operated unless the vapor collection system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 6; Process 13, System 6]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor control system.

This process/system shall not be operated unless the vapor control system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 7 , 9]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.7 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to a vapor recovery system except devices IDs 57 to 62, 71, 86 to 91, and 98 that vent to the atmosphere.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 2, System 1 , 2]

S15.8 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located within this system.

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 1]

S15.9 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located within this system or the absorber located in the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 1]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.10 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 1; Process 4, System 5]

S15.11 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Unsaturate Gas Plant (P9/S2) or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 3, System 5]

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 5, System 1 , 2; Process 7, System 1]

S15.14 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Fuel Gas Treating Unit (P11/S3), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

This process/system shall not be operated unless the absorber is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 3]

S15.15 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to the vapor recovery system and/or flare.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

This process/system shall not be operated unless the flare is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 6]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.16 The vent gases from all affected devices of this process/system shall be vented as follows:

All blowdown water shall be directed to the vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 15, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Hydrogen Production (Process: 6, System: 1 & 2)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12)

Fluid Catalytic Cracking Unit (Process: 3, System: 1, 5 & 7)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1)

Air Pollution Control Process (Process: 19, System: 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3, 4 & 7)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4,& 5)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3, 4 & 6)

Sulfur Production Process (Process: 12, System: 1, 2, 3 & 4)

Electricity Generation (Process: 18, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 1]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrocracking Unit (Process: 7, System: 1)

Platinum Reformer Unit (Process: 5, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 9, System 1]

S18.3 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Treating/Stripping Units (Process: 11, System: 6, 7, 9, 10 & 11)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 1 , 2]

S18.4 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Storage (Process: 12, System: 6)

Sulfur Loading (Process: 13, System: 6)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 7]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.5 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Vapor Collection System (Process: 13, System: 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 8]

S18.6 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Resid Loading Sytem (Process: 13, System: 9)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 13, System 10]

S18.7 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Wastewater Treatment System (Process: 14, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 14, System 2]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.8 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Catalyst Regeneration Process (Process: 10, System: 1)

Hydrogen Production (Process: 6, System: 1 & 2)

Gasoline Blending (Process: 20, System: 1)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3 & 5)

Fluid Catalytic Cracking Unit (Process: 3, System: 1 & 5)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1)

Crude Distillation Unit (Process: 1, System: 1, 2, 3 & 4)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4,& 5)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3 & 4)

Dehydrator Unit (Process: 17, System: 16)

Pressurized storage tanks (Process: 15, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 19, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.12 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Production, Claus Trains A & B (Process: 12, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 12, System 3 , 4]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 384499, 385155, 389291, 389292, 411508, 411586, 422931, 435110 & 435111:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 4, System 1 , 3; Process 6, System 2; Process 9, System 6; Process 13, System 1 , 3 , 4 , 11; Process 18, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 435112 & subsequent application number 475236:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to converting AN 435112 and subsequent AN 475236 from PC to PO (Process 11, System 12):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 11, Systems 3 & 4 (ANs 422300 & 377122), which were combined with System 12 in the previously issued permit, for NSR adjustment

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 11, System 3 , 4 , 12]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 448496:

All valves shall be bellow-sealed except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in the horizontal position), retrofit/special application valves with space limitation and valves not commercially available. District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the record.

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to converting AN 448496 from PC to PO (Process 1, System 4):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 1, Systems 1 & 4 (ANs 431770 & 448496), which were combined with System 1 in the previously issued permit, for NSR adjustment

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 1, System 4]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S42.2 The operator shall not operate the FCCU unless the operator complies with the emission limits of the following rule by May 30, 2009 or 90 days from the date of start up of the FCCU from turnaround, whichever is earlier:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
NH3	District Rule	1105.1

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

1. Award contract(s) to construct and install the control technology by May 1, 2007

2. Begin construction of the control technology permitted by the AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later. These dates may be extended in writing by the Executive Officer upon request by ExxonMobil if the CEQA document is not finalized by July 1, 2007. Any such extension(s) shall not be for a period of more than five months after the original dealine listed in this paragraph.

3. Start operation of at least one (1) new ESP (i.e., either C2283 or C2284) along with two (2) existing ESPs, C165 and C166) to ensure compliance with Rule 1105.1(d)(1) by March 1, 2009 with the startup of the FCCU. If one (1) new ESP is operated, the inlet flowrate to the ESP shall not exceed 160,000 dscfm

4. Comply with all Rule 1105.1(d)(1) requirements no later than May 30, 2009, or 90 days after the startup of the FCCU, whichever is earlier

[RULE 1105.1, 11-7-2003]

[Systems subject to this condition : Process 3, System 1; Process 23, System 1]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S46.1 The following conditions shall apply to VOC service fugitive components in this system:

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that triggered BACT for VOCs issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

All new pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new sampling connections shall be closed-purge, closed-loop, or closed-vent system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Systems subject to this condition : Process 8, System 5]

DEVICE CONDITIONS

A. Emission Limits

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 30 Percent opacity

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D151, D2404]

A99.1 The 2.8 lb/1000 bbl fresh feed PM10 emission limit(s) shall only apply when the fresh feed to the FCCU is 105 thousand barrels per day or less.

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D151, D2404]

A99.2 The 0.005 gr/dscf PM10 emission limit(s) shall only apply when the flow rate is 320,000 dscfm or less.

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D151, D2404]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A99.3 The 3.6 Lbs/hr PM10 emission limit(s) shall only apply when the fresh feed exceeds 105 thousand barrels per day and the flow rate exceeds 320,000 dscfm.

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D151, D2404]

A195.1 The 9 PPMV NOX emission limit(s) is averaged over 15 minutes corrected to 15% excess oxygen, dry basis.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D926]

A195.2 The 10 PPMV NH3 emission limit(s) is averaged over consecutive 60 minutes at 3% oxygen, dry basis.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D151, C1772, D2404]

A195.3 The 20 PPMV NOX emission limit(s) is averaged over 365-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A195.4 The 40 PPMV NOX emission limit(s) is averaged over 7-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

A195.5 The 140 PPMV NOX emission limit(s) is averaged over 24-hour rolling and at 0% oxygen.

For the purposes of this condition, this limit is not to exceed 14 days per occurrence, when the SCR is shutdown because the waste heat boiler 2F-7 is shutdown for inspection per California Code of Regulations, Title 8, Section 770(b).

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

A195.6 The 25 PPMV SOX emission limit(s) is averaged over 365-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

A195.7 The 50 PPMV SOX emission limit(s) is averaged over 7-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A195.8 The 500 PPMV CO emission limit(s) is averaged over hourly rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D926]

B. Material/Fuel Type Limits

B27.1 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 03-07-2008.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2395]

B61.3 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C164, D367, C626]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

B61.4 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
Total sulfur compounds calculated as H2S greater than	30

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D926]

B61.5 The operator shall not use (or combust) vent gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

The 160 ppmv limit is averaged over three hours, excluding any vent gas resulting from an emergency, shutdown, startup, process upset or relief valve leakage

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C891, C894]

B61.6 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

C. Throughput or Operating Parameter Limits

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.16 The operator shall limit the exhaust flow to no more than 500 cubic feet per minute.

For the purpose of this condition, exhaust flow shall be defined as the volume of gas exiting the mist eliminator and entering the oxidizer, measured dry at standard condition.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C1776]

C1.29 The operator shall limit the throughput to no more than 220000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 percent, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D742, D743]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.33 The operator shall limit the throughput to no more than 145000 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 percent, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D734, D735]

C1.43 The operator shall limit the throughput to no more than 56000 barrel(s) in any one calendar month.

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : D1997, D2001]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.47 The operator shall limit the loading rate to no more than 730000 barrel(s) in any one month.

This limit shall be based on the total combined limit for equipment D1526 & D1520, Loading Racks # 1 & 3, respectively.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1520, D1526]

C1.53 The operator shall limit the throughput to no more than 428333 barrel(s) in any one calendar month.

For the purpose of this condition, throughput shall be defined as the amount of LSR loaded from Tank 200X1.

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : D1994]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.65 The operator shall limit the throughput to no more than 457834 barrel(s) in any one month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent, the ATLG shall be repaired.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D764]

C1.66 The operator shall limit the throughput to no more than 100 lb(s) in any one day.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2278]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.67 The operator shall limit the loading rate to no more than 24000 lb(s) in any one day.

For the purpose of this condition, loading rate shall be defined as the total loading of base catalyst (GRACE Davison Genesis-2634), catalyst additives (GRACE Davison Olefinsmax ZSM-5), CO promoter (GRACE Davison CP-5), and SOx reducing catalyst (GRACE Davison Super DESOX).

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2395]

C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D1997, D2001]

C6.4 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 4 inches HG.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2397]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 900 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediatly downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C626]

C8.6 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the combustion zone.

This condition shall only apply to the oxidizer temperature when on a thermal mode.

The measuring device or gauge shall be accurate to within plus or minus 5 degree F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C1776]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C8.7 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 700 Deg F.

This condition shall only apply to the gas entering the catalyst bed when on a catalytic mode.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the inlet and outlet of the catalyst bed.

The measuring device or gauge shall be accurate to within 5 degree F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C1776]

C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1000 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediatly downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C952]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C12.1 The operator shall use this equipment in such a manner that the daily average secondary voltage and current (or total power input) and total primary current being monitored as indicated below are greater than or equal to the values in the most recent source test which demonstrated compliance with the emission limits.

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. primary and secondary current
2. primary and secondary voltage
3. spark rate

at each ESP field. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed for the FCCU regenerator (Device D151) according to the requirements specified in Permit Condition D29.3

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; RULE 401, 11-9-2001; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**; **RULE 409, 8-7-1981**]

[Devices subject to this condition : C165, C166]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C12.2 The operator shall use this equipment in such a manner that the ESP daily average voltage and secondary current (or total power input) being monitored as indicated below are greater than or equal to the average value in the most recent source test which demonstrated compliance with the emission limits.

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. Total flue gas inlet temperature to ESPs
2. Total flue gas flow rate
3. Current across each ESP
4. Voltage across each ESP

at each ESP field, in accordance with the approved plan. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed for the FCCU regenerator (Device D151) according to the requirements specified in Permit Condition D29.4

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the SCR bed.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : C1772]

D12.2 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR bed.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : C1772]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D12.5 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the oxidizer.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C1776]

D12.6 The operator shall install and maintain a(n) infrared flame detector to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C891]

D12.9 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the equipment. The operator shall record the parameter being monitored daily.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C1769]

D12.10 The operator shall install and maintain a(n) thermocouple to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C894]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days from the start-up of the SCR unit using the test protocol approved by the District.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted to determine the PM10 emissions at the outlet.

The test shall be conducted to determine the VOC emissions at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted to determine the efficiency of the SCR.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C1772]

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least annually.

The test shall be conducted to determine the CO and PM emissions at the outlet.

The test shall be conducted with the operation of the CO boiler/waste heat boiler with duct burner.

The test shall be conducted to determine the control efficiency of the SCR and the NH3 emissions at the outlet.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C1772]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D28.5 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the VOC emissions at the inlet and outlet simultaneously.

The test shall be conducted to determine the Benzene at the outlet.

The test shall be conducted to determine the Toluene at the outlet.

The test shall be conducted to determine the Xylene at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted annually to verify the destruction efficiency of the afterburner.

Source test shall be conducted when this equipment is operating at or close to the maximum rate of the loading rack.

The test shall be conducted to determine the VOC emission rate in lb/1000 gallons loaded.

The test shall be conducted to determine the SOx emissions in ppmv corrected to 3 percent oxygen.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-5-2009; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C1776]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D28.8 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted to determine the SOX emissions at the outlet.

The test shall be conducted to determine the ROG emissions at the outlet.

The test shall be conducted to determine the PM10 emissions at the outlet.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial startup, and every five years thereafter.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

Source test shall be conducted when this equipment is operating at not less than 80 percent of the maximum firing rate.

The test shall be conducted for NOx and SOx (for initial and any subsequent tests) until the CEMS serving 4F-1 is RECLAIM certified. Once certified, source tests data may be substituted with CEMS data. Mobil may choose to conduct CO testing every three years, or concurrently with a RATA (9 x 30 minute runs).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D367]

D28.9 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted annually to determine the control efficiency of the oxidizer and the VOC emissions in pound per 1000 gallons loaded.

The test shall be conducted once per three years to determine the NOx, CO, and PM emissions at the outlet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 462, 5-14-1999]

[Devices subject to this condition : C1776]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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The operator shall comply with the terms and conditions set forth below:

D28.22 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days from the complete modification of the fuel gas optimization project using the test protocol approved by the District.

The test shall be conducted to determine the CO, NOx, SOx, SO2 & O2 concentration at the outlet.

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO, PM, NOx & SOx emissions at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D926]

D28.23 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly after the initial performance test using the test protocol approved by the District.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO & PM emissions at the outlet.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D926]

D28.25 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted once every three years to determine the CO & PM emissions at the outlet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C952]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the SCR

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test result shall be submitted to the District no later than 60 days after the source test was conducted

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current, voltage, and spark rate at each of the ESP fields

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 409, 8-7-1981]

[Devices subject to this condition : D151, D2404]

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EXXONMOBIL OIL CORPORATION

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The operator shall comply with the terms and conditions set forth below:

D29.4 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM10 emissions	District Method 5.2 (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 Modified with EPA Method 201A Cyclone (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 with Previously Determined PM10 to PM Ratio Applied (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	EPA Method 5 (filterables compliance) and District Method 5.2 (condensables information)	District-approved averaging time	Outlet
NH3 emissions	District method 207.1	1 hour	Outlet
NOX emissions	District method 100.1	1 hour	Outlet
SOX emissions	District method 100.1	1 hour	Outlet
CO emissions	District Method 100.1 or 10.1	1 hour	Outlet
VOC emissions	District Method 25.1 or 25.3	1 hour	Outlet

The operator shall choose any of the PM10 test methods as indicated above to comply with Rule 1105.1 requirements and the test results of any of the selected test methods shall be used to determine compliance with Rules 404 and 405

The test shall be conducted after AQMD approval of the source test protocol, but no later than 180 days after initial startup of the new ESP's. The AQMD engineer shall be notified in writing of the date and time of the

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

test at least 10 days prior to the test.

The test shall be conducted in accordance with AQMD approved source test protocol. The protocol shall be submitted to the AQMD no later than 45 days before the proposed test date and shall be approved by the AQMD before test commences.

The test shall be conducted with the following operating modes of the ESPs:.

1. Two new ESPs C2283 & C2284 are in full operating mode (two old ESPs C165 & C166 in idle mode)

2. One new ESP in full operating mode & two old ESPs in full operating mode with 1/2 flue gas flow rate @160,000 dscfm

3. One new ESP in full operating mode and two old ESPs in idle mode with 1/2 flue gas flow rate @160,000 dscfm

The test shall be conducted when the FCCU is operating with at least 80 percent of total FCCU feed rate (or 84 thousand barrels per day of total FCCU feed) with two ESPs in full operating mode.

The test shall be conducted when the FCCU is operating with at least 40 percent of total FCCU feed rate (or 42 thousand barrels per day of total FCCU feed) with one new ESP in full operating mode.

The test shall be conducted at least every year with three different operating modes after initial source test.

The operator shall provide the sampling port(s) at the inlet of the ESPs (C2283 & C2284) in accordance with AQMD Method 1.1 - "Sample and Velocity Traverses for Stationary Source" and shall obtain a final approval from the AQMD for this sampling port(s) installation and operation, which should be included in the source test protocol

The test shall be conducted to determine the control efficiency of the ESPs in each mode.

Source test results shall include the following parameters in each mode: FCCU feed rate in KBD; catalyst recirculation rate in TPM; fresh catalyst (make-up & additives) rate in TPD; coke burn rate in lb/hr; oxygen & moisture content of exhaust gases; exhaust gas flow rate in dscfm; flue gas temperature at the inlet of the ESP; ammonia injection rate (at ESPs inlet & SCR inlet); and the average current in amps, voltage in volts & spark rate at each ESP field in use

A source test report shall be submitted to the AQMD no later than 60 days after the source test was completed

[RULE 1105.1, 11-7-2003; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C165, C166, C1772, C2283, C2284]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D29.5 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 409, 8-7-1981]

[Devices subject to this condition : C626]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D29.6 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the filter
PM10 emissions	Approved District method	1 hour	Outlet of the filter

The initial test(s) shall be conducted within 120 days after achieving maximum production rate, but no later than 180 days after initial start-up

The test(s) shall be conducted at least annually if the equipment is utilized more than 30 days in a calendar year.

The test shall be conducted when this equipment is operating at least 80 percent of the maximum allowable capacity.

Report of the test and operating condition of the equipment shall be submitted to the District within 60 days after the test

The District shall be notified of the date and time of the test at least 10 days prior to the test

The operator shall submit a test protocol to the District at least 60 days prior to the initial testing. The initial and annual tests shall be conducted according to the approved test protocol or any subsequent approved revisions

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C2397]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Oxygen concentration in percent volume

[RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C952]

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, C164, D2404]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Oxygen concentration in percent volume

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D82.4 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

SOX concentration in ppmv

Oxygen concentration in percent volume

[RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; 40CFR 60 Subpart GG, 2-24-2006]

[Devices subject to this condition : D926]

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

SOX concentration in ppmv

Oxygen concentration in percent volume

The NOx and SOx CEMS shall be certified prior to the startup of the new ESPs with a range covering the emission limits

[RULE 2004, 5-11-2001; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D90.3 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall monitor the concentration of the total sulfur compounds at the outlet of the fuel gas mix drum/knockout pot 24C-1 (Device D2234).

The operator shall use Gas Chromatography (GC 61) to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D926]

D90.4 The operator shall continuously monitor the opacity at stack according to the following specifications:

The operator shall use opacity meter to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D151, D2404]

D90.5 The operator shall periodically monitor the volatile organic compounds and benzene emissions at the outlet of the primary carbon canister according to the following specifications:

The operator shall monitor once every week during tank filling operations utilizing EPA Method 21 for volatile organic compounds and Draeger indicating tube for benzene.

The operator shall monitor volatile organic compounds at times when there is actual flow to the carbon canister (at tank filling period)

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C2113, C2118]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D90.6 The operator shall periodically monitor the volatile organic compounds (inclusive methane and ethane) at the outlet of the primary carbon canister according to the following specifications:

The operator shall monitor once every week for VOCs (inclusive of methane and ethane) when the sump is being filled with wastewater from the cleaning activity in accordance with (a) EPA Reference Method 21, using an appropriate analyzer calibrated with methane, or (b) District Grab Sample Method described in Attachment A of SCAQMD Rule 1176.

If a cleaning activity is scheduled during a week, the VOC measurement shall be taken during the cleaning of the heat exchangers. If no cleaning activity is scheduled, the VOC measurement may be taken at anytime.

[RULE 1176, 9-13-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C2135]

D90.8 The operator shall continuously monitor the temperature in degree F of the flue gas at the inlet to the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameter at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request

The continuous monitor shall be installed and operated whenever the ESP is operating in accordance with the monitoring plan as approved by the AQMD

Monitoring and recording of this parameter shall not be required during periods of routine maintenance or malfunction of the monitoring and recording devices

The temperature monitor shall have a minimum range from 500 to 800 degrees F and be accurate to within plus or minus 5 percent and shall be inspected for replacement, if needed, at least once every 12 months

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D90.9 The operator shall continuously monitor the flow rate in scfm (wet) of the flue gas at the inlet to the ESP according to the following specifications:

The monitoring shall be conducted in accordance with the monitoring plan as approved by the AQMD

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

D90.10 The operator shall continuously monitor the ESP total power input across the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameter at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request

The continuous monitor shall be installed and operated whenever the ESP is operating in accordance with the monitoring plan as approved by the AQMD

Monitoring and recording of this parameter shall not be required during periods of routine maintenance or malfunction of the monitoring and recording devices

The power monitor shall have a range from 0 to 1500 mA and 0 to 100 KV per transformer/rectifier set, which shall be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D90.11 The operator shall continuously monitor the NH3 injection rate in lb/hr at the inlet to the ESP according to the following specifications:

The monitoring shall be conducted in accordance with the monitoring plan as approved by the AQMD

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

D90.12 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall monitor the H2S concentration at the outlet of the fuel gas mix drum 64C-4 (Device D838) for fuel combustion devices.

The operator shall use Gas Chromatography (GC 34) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C164, D367, C626]

D90.13 The operator shall periodically monitor the H2S compounds at the outlet of the primary vessel according to the following specifications:

The operator shall monitor once every day during the truck loading operations utilizing the Draeger tube.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C2393, C2394]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D90.14 The operator shall continuously monitor the H2S concentration in the fuel gas, after being H2S treated by carbon vessels 28C-107 & 108, before being combusted in the incinerator 28F-11 according to the following specifications:

The operator shall monitor the H2S concentration at the outlet of the H2S treated carbon vessels 28C-107 & 108 (Devices C2393 & C2394) for fuel combustion device.

The operator shall use an H2S analyzer (Western Research Model 932 multi-gas analyzer) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

The operator shall obtain a written approval from the AQMD for the H2S analyzer, following the 40CFR60 Subpart A

The operator shall also install and maintain a device to continuously record the parameter being monitored.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C626, C2393, C2394]

D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of the volatile organic compounds

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C2113, C2118]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D182.3 The operator shall test this equipment in accordance with the following specifications:

To determine the control efficiency of the SCR, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the control efficiency of the SCR

Such method may include, sampling port at the inlet of the SCR, monitor/analyzer for NOx concentration at the inlet of the SCR, or other equivalent method to determine SCR efficiency as approved by the Executive Officer

Until the above method(s) is approved, the operator shall keep record of the ammonia injection rate and shall make it available upon AQMD request

Once the above method(s) is approved, the operator shall conduct the SCR control efficiency determination and annually thereafter

[RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D926]

D182.4 The operator shall test this equipment in accordance with the following specifications:

To determine the PM10 emissions, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the PM10 emissions. Such method shall be provided in compliance with EPA or SCAQMD source test method

Until such time that a permit is issued for the modification, the PM10 emissions are assumed to equal to the PM emissions

Once the above method(s) is approved, the operator shall conduct the PM10 emissions determination and annually thereafter

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D182.6 The operator shall test this equipment in accordance with the following specifications:

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously measure and record the liquid surface level movement. The throughput, in barrels, shall be calculated using the following equation: 0.14 x D x D x L, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour

Alternately, for tanks which do not have an ATLG device, the throughput shall be derived by using engineering calculations using parameters obtained from process records, shipping invoices, manual tank level gauging, etc.

Records of throughput shall be retained for a period of five years and made available to the Executive Officer upon request

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1997, D2001]

D322.3 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

To comply with this condition, the operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2397]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD. in accordance with the reporting requirements in Section K of this permit

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C165, C166, C2283, C2284, C2397]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a bi-weekly basis, at least, unless the equipment did not operate during the entire bi-weekly period. The routine bi-weekly inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD. in accordance with the reporting requirements in Section K of this permit

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C891, C894]

D328.2 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the emission limits. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : C626]

E. Equipment Operation/Construction Requirements

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E71.6 The operator shall only maintain a vacuum pressure of 4 inches Hg or higher in this equipment during normal operations.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D981, D982, D983, D984]

E71.8 The operator shall only use this equipment during turnarounds and maintenance activities to collect wastewater from the cleaning of the Alkylation Unit's heat exchangers at the machine shop.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2136]

E71.13 The operator shall not operate this equipment if the existing Catalyst Loading System is in operation.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D2395]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2397]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C165, C166, C2283, C2284]

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2113, C2118]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E128.2 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : C2135]

E153.1 The operator shall change over the spent carbon with activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary canister, and the secondary canister shall be replaced with a fresh carbon canister

For the purpose of this condition, breakthrough shall be defined as any organic compound reading of 50 ppmv or more, or any benzene reading of 5 ppmv or more.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C2113, C2118]

E153.4 The operator shall change over the spent carbon with fresh activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary carbon canister, and the secondary carbon canister shall be replaced with a fresh carbon

For the purpose of this condition, breakthrough shall be defined as any volatile organic compounds (inclusive of methane and ethane) reading of 500 ppmv or greater.

The volatile organic compounds (inclusive of methane and ethane) reading shall be measured in accordance to Condition D90.6.

[RULE 1176, 9-13-1996]

[Devices subject to this condition : C2135]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E153.7 The operator shall change over the spent carbon with activated carbon, within 29 days, during such time, the vessel may be put in the idled mode in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The spent carbon in both the primary and secondary vessels shall be replaced with the activated carbon, or the primary vessel shall be re-piped with the secondary vessel, the secondary vessel shall be re-designated as the primary vessel and the spent carbon in the secondary vessel shall be replaced with the activated carbon

For the purpose of this condition, breakthrough shall be defined as H2S compounds reading of 10 ppmv or more at the exit of the primary vessel.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C2393, C2394]

E175.2 The operator shall not use this equipment unless all exhaust air passes through the following:

CO boiler in fired mode

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2278]

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Subpart A of the 40CFR60

[40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C891, C894]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.6 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall notify the District at least seven days prior to first starting the spray filling operation

The operator shall monitor and record the initial, midpoint and final temperature in the railcar and the product line pressure during the spray filling operation of LPG

The operator shall use a hydrocarbon analyzer to monitor the equipment daily for fugitive leaks during the spray filling operation

The product line pressure shall not exceed 225 psig during the spray filling operation

The operator shall install and maintain a temperature and pressure gauge to accurately indicate product temperature and product line pressure during the filling operation

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D675]

E193.8 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified EIR dated 12-October-2001.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D1997, D2001]

E193.9 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall monitor the groundwater in compliance with the Regional Water Quality Control Board Cleanup Requirements specified under the current order for abatement

[Devices subject to this condition : D2115]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.10 The operator shall operate and maintain this equipment according to the following specifications:

All vent gases under normal operating conditions shall be vented to one of the devices identified in the "connected to" column in the order described in this facility permit

To comply with this condition, the operator shall keep the bypass damper of 2F-3 East and 2F-3 West stacks in a closed position under normal operating condition. The operator shall also install and maintain a device to continuously monitor and record the position of the bypass damper in 2F-3 East and 2F-3 West stacks. The device shall accurate within plus or minus 5 percent, and the accuracy of the device shall be verified at least once very 6 months

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C165, C166]

E193.12 The operator shall operate and maintain this equipment according to the following specifications:

The work area shall be kept free of any dried particles of selenium or its compounds.

Roll-off containers shall be fully covered when the loading of solid waste is completed.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2166]

E193.16 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Subpart A of the 40CFR60

[40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C164, D367, C626]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.17 The operator shall operate and maintain this equipment according to the following specifications:

Sample and analyze the VOC emissions in concentration (including benzene, toluene, ethylbenzene, xylene) on a semi-annual basis

The samples should be taken at the tailwater effluent stream (Separator 72D-10)

The analysis results shall be submitted to the district prior to issuing the PO

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 6-5-2009; **40CFR 61 Subpart FF, 12-4-2003]**

[Devices subject to this condition : D2251, D2252]

E193.18 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall comply with all mitigation measures stipulated by the AQMD Final Environmental Impact Report dated March 23, 2007

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D151, C2283, C2284, D2404]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.19 The operator shall operate and maintain this equipment as follows:

Whenever the ESP system (Devices C165, C166, C2283, and C2284) is in operation and venting the FCCU Regenerator catalyst dust exhaust, the operator shall maintain in operation the following modes

1. Two ESPs C2283 & C2284 in full operating mode (two ESPs C165 & C166 in idle mode), or

2. One ESP (C2283 or C2284) in full operating mode and two ESPs C165 & C166 in full operating mode with 1/2 flue gas flow rate @160,000 dscfm, or

3. One ESP (C2283 or C2284) in full operating mode, and two ESPs C165 & C166 in idle mode with 1/2 flue gas flow rate @160,000 dscfm

The operator shall not operate the FCCU if emissions from the FCCU to the atmosphere exceed the following limits for filterable PM10: 0.005 gr/dscf or 2.8 lb per 1000 bbl fresh feed

The operator shall not operate any of the modes, if the source test results of Condition D29.4 show the PM10 and/or NH3 emissions exceed the rule limits, after May 30, 2009

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

E193.20 The operator shall operate and maintain this equipment according to the following specifications:

All vent gases under normal operating conditions shall be vented to one of the devices identified in the "connected to" column in the order described in this facility permit

To comply with this condition, the operator shall replace two emergency bypass stacks (2F-3 East and West) with an enclosed ducting connecting the ESPs C2283 & C2284 to the 2F-7 stack as for emergency venting

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D151, D2404]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E204.1 The operator shall tag the valves according to the following specifications:

This condition applies to all new valves greater than 2 inches in size, and major components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173.

The affected valves shall be distinctly identified from other components through their tag numbers (e.f. numbers ending in the letter "N"), and shall be noted in the records.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1202]

E204.3 The operator shall repair the valves according to the following specifications:

For all new components in VOC service, a leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1202]

E336.6 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to a vapor recovery system or kept inside the railcar during spray loading of LPG only. Light straight run shall be loaded using the vapor recovery system, which is in full use and has a valid permit to operate.

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1994]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E336.7 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to a vapor recovery system when loading LSR, or kept inside the railcar during spray filling LPG.

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D675]

E336.9 The operator shall vent the vent gases from this equipment as follows:

All vent gases during normal operations shall be vented to a vapor recovery system.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D21, D22, D1328, D1341, D2247, D2251, D2252]

E336.10 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal conditions shall be directed to the air pollution control (APC) system (Process 19, System 3)
This equipment shall not be operated unless the APC system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D572, D574, D575, D576]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E336.13 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the flame zone of the heater(s) (Devices D232 & D234, Process 4, System 2)

This equipment shall not be operated unless the heater(s) is in full use and has a valid permit to receive vent gases from this equipment.

[40CFR 63 Subpart CC, 6-23-2003]

[Devices subject to this condition : D176, D178]

E336.15 The operator shall vent the vent gases from this equipment as follows:

All vent gases from the dog house during normal operations shall be vented to a vapor recovery system.

This equipment shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2235]

E336.17 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the incinerator (Process 13, System 8).

This equipment shall not be operated unless the incinerator is in full use and has a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D1324]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E336.18 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to the H2S adsorption system (Process 13, System 8) and then to the sulfur vapor collection system (Process 13, System 7), and then to the incinerator (Process 13, System 8).

This equipment shall not be operated unless the above air pollution control system is in full use and has a valid permit to receive vent gases from this equipment.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : D644, D1375]

E336.19 The operator shall vent the vent gases from this equipment as follows:

All vent gases from the equipment located downstream of the reactor, during each trial of Rule 441 research operations, shall be vented to the H2S absorber(s) and/or the fuel gas treating unit(s) via the vapor collection and/or vapor recovery system and then to the sulfur recovery units.

This equipment shall not be operated unless the above H2S treating and/or the fuel gas treating unit(s), and the sulfur recovery units are in full use and have a valid permit to receive vent gases from this equipment.

[RULE 441, 5-7-1976]

[Devices subject to this condition : D2402]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E448.2 The operator shall comply with the following requirements:

The operator shall maintain in operation the following modes:

1. CO boiler C164 in maintenance mode: The emissions from the regenrator/cyclones may be vented directly to ESPs system and bypass CO boiler C164 during required maintenance of the CO boiler

2. CO boiler C164 in unfired mode: When ESP C2283 or C2284 is in maintenance mode, the emissions from the regenerator/cyclones shall be vented to the CO boiler C164, which may be operated in the unfired or waste heat boiler mode

The above modes shall not be in operation when the expander cleaning system (walnut shells injection period) is in operation

The District shall be notified 24 hours in advance of any scheduled maintenance and unfired mode of the CO boiler

The District shall be notified within 24 hours after any unscheduled maintenance and unfired mode of the CO boiler

An annual report shall be submitted to the District which includes a summary of the number of hours the CO boiler was operated in each mode, a description of maintenance, all scheduled and unscheduled work performed for each mode, CO concentration in PPM and hourly CO emissions calculated based on 40CFR 60 Subpart J monitoring data during each mode. The report shall be submitted within 90 days from the end of the calendar year

The operator shall not operate the FCCU if the CO emissions from the FCCU to the atmosphere exceed the 500 ppmv limits set forth in 40CFR60 Subpart J and Consent Decree

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D151, C164, D2404]

H. Applicable Rules

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C164, D367, C626, C891, C894, C952, C1776]

H23.15 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart GG, 2-24-2006; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J
Visible Emissions	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D151, D2404]

H23.24 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D2253]

H23.32 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D753]

FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGGa

This equipment was subject to the applicable requirements of 40CFR60 Subpart GGG per Consent Decree Civil Case No. 05 C 5809 dated 12-13-2005. This equipment is now subject to the applicable requirements of 40CFR60 Subpart GGGa per ExxonMobil's notification to EPA dated 08-24-2009

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **40CFR 60 Subpart GGGa, 6-2-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]**

[Devices subject to this condition : D390, D574, D981, D982, D983, D984, D1803, D1810, D1834, D1844, D1855, D2014, D2111, D2123, D2249, D2351, D2352]

H23.35 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C891, C894]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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The operator shall comply with the terms and conditions set forth below:

H23.36 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGGa

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; **40CFR 60 Subpart GGGa, 6-2-2008]**

[Devices subject to this condition : D2235, D2254]

I. Administrative

I1.1 The operator shall comply with all the requirements of the condition and compliance schedule as specified in the variance Case No. 1183-414, issued on July 15, 2008, in accordance with the Findings and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).

[RULE 3004(a)(10)(C), 12-12-1997; RULE 518, 8-11-1995]

[Devices subject to this condition : C891, C894]

K. Record Keeping/Reporting

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.4 The operator shall provide to the District a source test report in accordance with the following specifications:

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D367, C1772]

K40.5 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 45 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C1776]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.6 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Source test results shall also include the following operating parameters under which the test was conducted:

FCCU design capacity (MBPD), feed rate (MBPD), sulfur content (%) in the feed, and feed source (vacuum gas oil, coker gas oil); regenerator air rate (SCFM), combustor promoter, design effluent flowrate (MSCFM); collecting plates face velocity (FPM); amount of De-NOx and De-SOx catalyst used (lb/d), catalyst particle size in w%, catalyst circulation rate and make-up rate (ton/d); coke burn-off rate (ton/hr); NH3 injection rate (lb/hr); and

Supplemental fuel used in the waste heat boiler (MSCFH); SCR unit downstream of the ESP in used during the source test; and the average current, voltage, and spark rate at each of the ESP fields

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C165, C166]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : D701, D740, D745, D746, D753, D755, D756, D758, D759, D760, D775]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For spray filling only: product loaded, line pressure and railcar initial, midpoint and final temperature, number and magnitude of leaks found

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D675, D1994]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Until the sampling ports are installed, the operator shall calculate the control efficiency of the ESP based on the following: ESP Efficiency = Each Truck Outhauls/Inlet Loading. The inlet loading shall be calculated by performing a mass balance which shall include actual data from each truck outhauls and stack emissions based on the latest test result. The calculations shall be performed on a quarterly basis

Feed rate (MBLD), sulfur content (%) in the feed, feed source (vacuum gas oil, coker gas oil); regenerator air rate (SCFM), combustion promotor, design effluent flow rate (MSCFM); collecting plates face velocity (FPM); amount of De-NOx and De-SOx catalyst used (lb/d), catalyst particle size and w%, catalyst circulation rate and make-up rate (ton/d); coke burn-off rate (ton/hr); NH3 injection rate (lb/hr); and supplemental fuel used in the waste heat boiler (MSCFH)

The above records shall be submitted to AQMD with the associated supporting documents on a quarterly basis

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C165, C166]

K67.14 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Required maintenance of the CO boiler

Duration of the maintenance and unfired mode of the CO boiler

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D151, C164, D2404]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K67.15 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Duration of the planned startup and shutdown of the FCCU

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D151, D2404]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Truck outhauls of the hopper

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C165, C166, C2283, C2284]

K67.18 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Re-piping of carbon vessels and re-filling the activated carbon

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005]

[Devices subject to this condition : C2393, C2394]

K171.1 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D734, D735, D742, D743, D745, D746, D753, D755, D756, D759, D760, D764]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K171.2 The operator shall provide to the District the following items:

No later than 60 days after initial starup, the final designed data sheet of the driers

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D2130]

K171.3 The operator shall provide to the District the following items:

Within 60 days after the construction is completed, an updated schematic drawing of the waste system within the refinery to show the location the sump and its air pollution control equipment

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D2136]

K171.4 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction.

Update P&ID for tank service, tank dimensions, and tank water draws shall be submitted to the District within 60 days after construction

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D701, D740, D758, D775]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K171.5 The operator shall provide to the District the following items:

Final designed P&ID within 60 days after construction is completed including, but not limited to heating rate and fuel lines for heater 24F-1

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D926, D2239]

K171.7 The operator shall provide to the District the following items:

Within 60 days after the construction is completed, the final designed P&ID including, but not limited to vent to control equipment and wastewater drains from knockout pots, compressors, & coalescers

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D390, D2234, D2235, D2236, D2237]

K171.8 The operator shall provide to the District the following items:

Final P&ID drawings of the crude oil desalter section including normal and emergency vents shall be submitted to the district within 60 days after construction

Final P&ID drawings of the crude oil desalter section including drains systems for brine water & brine oily water shall be submitted to the District within 60 days after construction

Final design data sheet of the desalter vessels shall be submitted to the District within 60 days after construction

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D21, D22, D2251, D2252]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K171.12 The operator shall provide to the District the following items:

P&ID drawings of the NH3 injection grid located upstream of the SCR (Grid 3) shall be submitted to the district within 60 days after construction

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1772]

K171.13 The operator shall provide to the District the following items:

P&ID drawings of the bypass ducting handling emergency vent, including the dimensions and detailed flow detection with recording system, shall be submitted to the district within 60 days after permit issuance date

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1772]

K171.18 The operator shall provide to the District the following items:

Update and complete P&ID drawings of the loading equipment shall be submitted to the District within 60 days after permit issuance date

Designate one hose, out of four hoses, to draw the SOx reducing catalyst (GRACE Davison Super DESOX) in the loading system. This designated hose shall be expired once the Rule 441 Research Operations Permit is cancelled

Records shall be kept when using all four filling hoses and records when using the existing catalyst loading system

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D2395]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

a. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31,1993.

b. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
297437	463
331129	1176
400457	2002
421036	1178
423929	1173
458651	1105.1
498730	1173

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

SECTION J: AIR TOXICS
[40CFR 61 Subpart FF_01 12-4-2003]

BENZENE WASTE OPERATIONS FROM PETROLEUM REFINERIES – "6BQ" COMPLIANCE OPTION

1. The operator shall comply with all applicable requirements of 40CFR61 Subpart FF including those requirements of 40CFR61 Subpart A.

2. The operator shall comply with treatment standards specified in §61.342(e) of 40CFR61 Subpart FF for 6 Mg/yr (6.6 tons/yr) benzene quantity (6 BQ) limit as follows:

   a. §61.342(e)(1): The operator shall manage and treat all waste streams, with a flow-weighted annual average water content of less than 10 percent, in accordance with the requirements specified in §61.342(c)(1).

   b. §61.342(e)(2): The operator shall manage and treat all waste streams (including remediation and process turnaround waste), with a flow-weighted annual average water content of 10 percent or greater, in such a manner that the total quantity of benzene in the treated and untreated aqueous waste streams is less that 6.0 Mg/yr. The benzene in each waste stream shall be quantified in accordance with §61.355(k).

3. For each stream that is treated to comply with §61.342(e)(1) or §61.342(e)(2), the operator shall comply with the treatment process standard specified in Section 61.348.

4. For waste management units, which are used to handle or treat waste streams that are treated as specified in §61.348 and/or recycled to a process, the operator shall comply with the following standards:

   a. Tanks standards. *{61.343}*
   b. Surface impoundments standards. *{61.344}*
   c. Containers standards. *{61.345}*
   d. Individual drain system standards. *{61.346}*
   e. Oil-water separator standards. *{61.347}*

5. For each closed vent system and control device used to comply with standards in accordance with §61.343 through §61.348, the operator shall comply with the requirements of §61.349.

6. The operator shall comply with monitoring and associated recording requirements in §61.354.

7. The operator shall comply with applicable test methods and procedures in §61.355 for determining the total annual benzene quantity from facility waste.

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[40CFR 61 Subpart FF_01 12-4-2003]

8. The operator shall comply with reporting requirements in §61.357 and recordkeeping requirements in §61.356.

9. The operator shall comply with 40CFR63 Subpart CC requirements, which references to 40CFR61 Subpart FF for equipment subject to 40CFR60 Subpart QQQ or 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(o)(1)}*

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[40CFR 63 Subpart CC, #1 6-23-2003]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1 EMISSION POINT (GROUP 1 MISCELLANEOUS PROCESS VENT - EXISTING/NEW SOURCE)

1. The operator shall comply with all applicable requirements of 40CFR63 Subpart CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.

2. The operator shall comply with the following control, monitoring, recordkeeping and reporting requirements:

   a. Control Requirements: The operator shall reduce the organic hazardous air pollutants by 98% or to 20 parts per million by volume on a dry basis, corrected to 3 percent oxygen, as specified in 40CFR63 Subpart CC, Section 63.643.

   b. Monitoring Requirements:
      - The operator shall monitor the temperature in accordance with 40CFR63 Subpart CC, Section 63.644(a)(1) when an incinerator is used.
      - The operator shall monitor the presence of a pilot flame in accordance with 40CFR63 Subpart CC, Section 63.644(a)(2) when a flare is used.

   c. Exemption from Monitoring Requirements: The operator is exempt from temperature monitoring requirements for any boiler or process heater with a design heat input capacity greater than or equal to 44 megawatt or any boiler or process heater in which all vent streams are introduced into the flame zone as per 40CFR63 Subpart CC, Section 63.644(a)(3).

   d. Recordkeeping and Reporting Requirements: The operator shall comply with applicable reporting and recordkeeping requirements of 40CFR63 Subpart CC, Section 63.654.

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[40CFR 63 Subpart CC, #2 6-23-2003]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 2 EMISSION POINTS (MISCELLANEOUS PROCESS VENT, STORAGE VESSEL, AND WASTEWATER STREAM)

1. The operator shall make the determination for Group 2 emission point in accordance with the following regulations:

Emissions Point	Section	Group 2 Determination Criteria
Miscellaneous process vent	63.645(h)	Total organic compounds emission rate
Storage tank	63.654(i)(1)(iv) 63.646(b)(1) and (2)	Weight percent of total organic HAP
Wastewater stream	61.342(c)(2) or (c)(3)	Total annual benzene quantity

For Group 2 Miscellaneous Process Vents, §63.145(f) and (g) must be used to show a Group 2 determination for any new process vents, and the owner or operator of an existing Group 2 process vent must make a Group 1 or Group 2 determination in accordance with §63.145(h) whenever process changes are made.

Record of any data, assumptions, and procedures used to make this determination shall be retained for five years.

2. The operator shall not reclassify a Group 2 emission point to a Group 1 emission point without first obtaining a valid permit from the AQMD.

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[40CFR 63 Subpart CC, #3A 6-23-2003]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1 EMISSION POINT (GROUP 1 STORAGE TANK - EXISTING SOURCE)

1. The operator shall comply with all applicable requirements of 40CFR63 Subparts CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.

2. The operator shall comply with applicable requirements of 40CFR63 Subpart CC by the following applicable compliance date:
   - August 18, 1998, for fixed roof storage tank. *{63.640(h)}*
   - August 18, 2005, or at the first degassing and cleaning activity after 8/18/1998, whichever is first, for floating roof storage tank. *{63.640(h)(4)}*

3. The operator shall comply with applicable control, monitoring, inspection, and recordkeeping requirements of 40CFR63 Subpart CC, which references to 40CFR63 Subpart G as follows:

40CFR63 Subpart CC	**40CFR63 Subpart G**
63.646(a)	Control requirements: a. Internal Floating Roof storage tanks shall be equipped with proper seals. *{63.119(b)(1) to (b)(4)}* b. External Floating Roof storage tank shall be equipped with proper seals. *{63.119(c)(1), (c)(3) & (c)(4)}* c. External Floating Roof converted to an Internal Floating Roof shall be equipped with proper seals. *{63.119(d)(1)}* d. Fixed roof storage tank shall be vented to a control system to reduce organic hazardous air pollutants emissions by 95%. *{63.119(e)(1) to (e)(5)}*

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[40CFR 63 Subpart CC, #3A 6-23-2003]

63.646(e)	Testing and inspection requirements: *a.* Internal Floating Roof storage tank, single seal: Roof & seal shall be visually inspected yearly through manholes & roof hatches and Roof & seal shall be visually inspected when emptying/degassing the tank and at least every 10 years. *{63.120(a)(2)(i) & (ii)}* b. Internal Floating Roof storage tank, double seals: • Roof & both seals shall be visually inspected when emptying/degassing and at least every 5 years *{63.120(a)(3)(i)}*, or • Roof & secondary seal shall be visually inspected yearly through manholes and roof hatches and Roof & both seals shall be visually inspected when emptying/degassing and at least every 10 years. *{63.120(a)(3)(ii) & (iii)}* c. External Floating Roof storage tank, single seal: Gaps between the storage vessel wall and primary seal shall be measured at least once per year (annually) until a secondary seal is installed. *{63.120(b)(1)(ii)}* d. External Floating Roof, double seals: • Gaps between vessel wall and primary seal shall be measured every 5 years during hydrostatic testing, *{63.120(b)(1)(i)}* • Gap between wall and secondary seal shall be measured yearly *{63.120(b)(1)(iii)}*, and Roof, both seals & fittings shall be visually inspected when emptying/degassing (non specified frequency). *{63.120(b)(10)}* e. Fixed Roof Vent to Control System: Control system shall be tested one time for control efficiency demonstration and closed vent system shall be inspected annually. *{63.120(d)(1) & (6)}*
63.654(i)(1)(*i*)	The operator shall comply with recordkeeping requirements in Section 63.123.

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[40CFR 63 Subpart CC, #3A 6-23-2003]

4. The operator shall comply with the reporting requirements specified in 40CFR63 Subpart CC, Section 63.654(e), (f) & (g).

5. The operator shall comply with other requirements specified in 40CFR63 Subpart CC, Section 63.646(f) as follows:
   a. Cover or lid on an opening on a floating roof,
   b. Rim space vents to be set when the roof is not floating or the pressure beneath the rim seal exceeds the manufacturer's recommended setting, and
   c. Close automatic bleeder vents except when the roof is being floated off or is being landed on the roof leg supports.

6. The operator is exempt from deck fitting requirements; inspection; and recordkeeping requirements for gaskets, slotted membranes, and sleeve seals for existing floating roof storage tank as specified in 40CFR63 Subpart CC, Sections 63.646(c), 63.646(e), and 63.654(i)(1)(*i*), respectively.

7. The operator shall comply with 40CFR63 Subpart CC requirements for existing equipment that is subject to 40CFR60 Subpart K or Ka and 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(n)}*

8. The operator shall comply with 40CFR60 Subpart Kb requirements for existing equipment that is subject to 40CFR60 Subpart Kb and 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(n)}*

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[40CFR 63 Subpart CC, #4 6-23-2003]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1 EMISSION POINT (GROUP 1 WASTEWATER STREAM - EXISTING/NEW SOURCE)

1. The operator shall comply with all applicable requirements of 40CFR63 Subparts CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.

2. The operator shall comply with applicable treatment standards, equipment standards, test methods, monitoring, reporting, and recordkeeping requirements of 40CFR63 Subpart CC, which references to 40CFR61 Subpart FF as follows:

40CFR63 Subpart CC	**40CFR61 Subpart FF**
63.647(a)	1. Treatment Standards: The operator shall demonstrate compliance with any one of the methods specified in Section 61.342(c), (d) or (e) of 60CFR61 Subpart FF.
63.647(a)	2. Equipment Standards: The operator shall comply with the following standards set forth for the equipment used in waste handling and storage including treatment process: a. Tanks and alternative standards for tanks. *{61.343 & 61.351}* b. Surface impoundments standards. *{61.344}* c. Containers standards. *{61.345}* d. Individual drain system standards. *{61.346}* e. Oil-water separator and alternative standards for oil-water separator. *{61.347 & 61.352}* f. Treatment process standards. *{61.348}* g. Closed-vent systems and control devices standards. *{61.349}* h. Allowance for delay of repair of equipment. *{61.350}*
63.647(a)	3. Test Methods and Procedures: The operator shall comply with applicable test methods and procedures in Section 61.355 in determining the total annual benzene quantity from facility waste.
63.647(c)	4. Monitoring Requirements: The operator shall comply with monitoring and associated recording requirements in Section 61.354.
63.654	5. Reporting and Recordkeeping Requirements: The operator shall comply with reporting and recordkeeping requirements in Sections 61.356 and 61.357.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #5A 5-25-2001]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - EQUIPMENT LEAK IN ORGANIC HAP SERVICE - EXISTING SOURCE

1. The operator shall comply with all applicable requirements of 40CFR63 Subpart CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.

2. The operator shall comply with applicable control, monitoring, inspection, and repair requirements of 40CFR63 Subpart CC, which references to 40CFR60 Subpart VV as follows:

40CFR63 Subpart CC	**40CFR60 Subpart VV**
63.648(a)	1. Control, Monitoring, Inspection, and Repair Requirements: The operator shall comply with the following standards set forth for equipment used in volatile organic compounds service: a. Pumps in light liquid service. *{60.482-2}* b. Compressors. *{60.482-3}* c. Pressure relief devices in gas/vapor service. *{60.482-4}* d. Sampling connection systems. *{60.482-5}* e. Open-ended valves or lines. *{60.482-6}* f. Valves in gas/vapor and light liquid service. *{60.482-7}* g. Pumps and valves in heavy liquid service, pressure relief devices in light or heavy liquid service, and flanges and other connectors. *{60.482-8}* h. Allowance for delay of repair of equipment. *{60.482-9}* i. Closed vent systems and control devices. *{60.482-10}* 2. Test Methods and Procedures: The operator shall comply with applicable test methods and procedures in Section 60.485 in conducting performance tests and determining the presence of leaking sources.
63.648(b)	3. Allowance for Less Frequent Monitoring: The operator shall comply with applicable requirements in Section 60.483-2 when electing to skip leak detection periods for valves.

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[40CFR 63 Subpart CC, #5A 5-25-2001]

40CFR63 Subpart CC	40CFR60 Subpart VV
63.654(d)(1)	4. Recordkeeping and Reporting Requirements: The operator shall comply with recordkeeping and semiannual reporting requirements in Sections 60.486 and 60.487, respectively.

3. The operator shall comply with 40CFR63 Subpart CC requirements for existing equipment that is subject to 40CFR60 or 40CFR61 as well as 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(p)}*

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[40CFR 63 Subpart CC, #5A 6-23-2003]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - EQUIPMENT LEAK IN ORGANIC HAP SERVICE - EXISTING SOURCE

1. The operator shall comply with all applicable requirements of 40CFR63 Subpart CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.

2. The operator shall comply with applicable control, monitoring, inspection, and repair requirements of 40CFR63 Subpart CC, which references to 40CFR60 Subpart VV as follows:

40CFR63 Subpart CC	**40CFR60 Subpart VV**
63.648(a)	1. Control, Monitoring, Inspection, and Repair Requirements: The operator shall comply with the following standards set forth for equipment used in volatile organic compounds service: a. Pumps in light liquid service. *{60.482-2}* b. Compressors. *{60.482-3}* c. Pressure relief devices in gas/vapor service. *{60.482-4}* d. Sampling connection systems. *{60.482-5}* e. Open-ended valves or lines. *{60.482-6}* f. Valves in gas/vapor and light liquid service. *{60.482-7}* g. Pumps and valves in heavy liquid service, pressure relief devices in light or heavy liquid service, and flanges and other connectors. *{60.482-8}* h. Allowance for delay of repair of equipment. *{60.482-9}* i. Closed vent systems and control devices. *{60.482-10}* 2. Test Methods and Procedures: The operator shall comply with applicable test methods and procedures in Section 60.485 in conducting performance tests and determining the presence of leaking sources.
63.648(b)	3. Allowance for Less Frequent Monitoring: The operator shall comply with applicable requirements in Section 60.483-2 when electing to skip leak detection periods for valves.

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[40CFR 63 Subpart CC, #5A 6-23-2003]

40CFR63 Subpart CC	40CFR60 Subpart VV
63.654(d)(1)	4. Recordkeeping and Reporting Requirements: The operator shall comply with recordkeeping and semiannual reporting requirements in Sections 60.486 and 60.487, respectively.

3. The operator shall comply with 40CFR63 Subpart CC requirements for existing equipment that is subject to 40CFR60 or 40CFR61 as well as 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(p)}*

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[40CFR 63 Subpart UUU, #1 4-20-2006]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: CATALYTIC REFORMING UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.

2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirement of Sections 63.1574, 63.1575, and 63.1576, respectively.

3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).

4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).

5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.

6. The operator shall comply with the following applicable standard(s) for CRU Process Vents:

Emission and Operating Limits for CRU Process Vents *(§ 63.1566)*

HAP Type	Emission Limitation	Operating Limit
Organic HAP * (§63.1566)	Reduce uncontrolled emissions of total organic compounds (TOC) or non-methane TOC by 98% by using a control device or to a concentration of 20 ppmv (dry basis as hexane), corrected to 3 percent oxygen, whichever is less stringent. For emissions vented to a boiler or process heater to comply with the percent reduction or concentration emission limitation, the vent stream must be introduced into the flame zone, or any other location that will achieve the percent reduction or concentration standard.	Use of a thermal incinerator, boiler or process heater with a design heat input capacity less than 44 MW, or use of a boiler or process heater in which all vent streams are not introduced into the flame zone. Daily average concentration zone temperature must not fall below the limit established during the performance test.

**Exempt for depressuring and purging operation with reactor vent pressure ≤ 5 psig per § 63.1566(a)(4)*

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[40CFR 63 Subpart UUU, #1 4-20-2006]

Emission and Operating Limits for CRU Process Vents *(§ 63.1567)*

HAP Type	Emission Limitation**	Operating Limit**
Inorganic HAP (§63.1567)	Existing semi-regenerative CRU: Reduce uncontrolled emissions of HCl by 92% by weight or to a concentration of 30 ppmvd corrected to 3% O_2.	Wet scrubber: The daily average pH or alkalinity of the water (or scrubbing liquid) exiting the scrubber must not fall below the limit established during the performance test; and the daily average liquid-to-gas ratio must not fall below the limit established during the performance test.
	Existing cyclic or continuous CRU: Reduce uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmvd corrected to 3% O_2.	Internal scrubbing system or no control device meeting outlet HCl concentration limit: The daily average HCl concentration in the catalyst regenerator exhaust gas must not exceed the limit established during the performance test.
		Internal scrubbing system meeting HCl percent reduction standard: The daily average pH or alkalinity of the water (or scrubbing liquid) exiting the internal scrubbing system must not fall below the limit established during the performance test; and the daily average liquid-to-gas ratio must not fall below the limit established during the performance test.
		Moving-bed gas-solid adsorption system (e.g., Chlorsorb™ System): The daily average temperature of the gas entering or exiting the adsorption system must not exceed the limit established during the performance test; and the weekly average chloride level on the sorbent entering the adsorption system must not exceed the design or manufacturer's recommended limit (1.35 weight percent for the Chlorsorb™ System), and the weekly average chloride level on the sorbent leaving the adsorption system must not exceed the design or manufacturer's recommended limit (1.8 weight percent for the Chlorsorb™ System).

***Emission and Operating Limits apply during coke burn-off and catalyst rejuvenation pursuant to §63.1567(a)(2).*

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[40CFR 63 Subpart UUU, #1 4-20-2006]

7. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines *(§ 63.1569)**

Work Practice Standard
Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

8. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements.

Source Type	HAP Type	Initial Compliance	Continuous Compliance
CRU	Organic HAP	Compliance with all applicable requirements of § 63.1566(b) including installation of a continuous monitoring system, completion of a performance test, and establishment of a site-specific operating limit.	Compliance with all applicable requirements of § 63.1566(c) including demonstration of compliance with operating limit established in the performance test.
CRU	Inorganic HAP	Compliance with all applicable requirements of § 63.1567(b) including installation of a continuous monitoring system, completion of a performance test, and establishment of a site-specific operating limit.	Compliance with all applicable requirements of § 63.1567(c) including demonstration of compliance with operating limit established in the performance test.
Bypass Lines	HAP	Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan.	Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart UUU, #2 4-20-2006]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: CATALYTIC CRACKING UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.

2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirements of Sections 63.1574, 63.1575, and 63.1576, respectively.

3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).

4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).

5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.

6. The operator shall comply with the following standard(s) for FCCUs:

Emission and Operating Limits for Existing FCCUs *(§63.1564 &§63.1565)*

HAP Type	Emission Limitation	Operating Limit
Metal	1. PM emissions must not exceed 1.0 kg per 1,000 kg (1.0 lb/1,000 lb) of coke burn-off in the catalyst regenerator; 2. Opacity of emissions must not exceed 30 percent, except for one 6-minute average opacity reading in any 1-hour period.	na.
Organic	CO emissions must not exceed 500 ppmv (dry basis)	na.

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7. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines *(§ 63.1569)**

Work Practice Standard
Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device.

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

8. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements:

Source Type	HAP Type	Initial Compliance	Continuous Compliance
FCCU	Metal HAP	Compliance with all applicable requirements of § 63.1564(b) including installation of a continuous opacity monitoring system and certification of compliance with the emission limits.	Compliance with all applicable requirements of § 63.1564(c) including demonstration of continuous compliance with the applicable Opacity and PM emission limits.
FCCU	Organic HAP	Compliance with all applicable requirements of § 63.1565(b) including installation of a continuous CO monitoring system and certification of compliance with the emission limit.	Compliance with all applicable requirements of § 63.1565(c) including demonstration of continuous compliance with the applicable CO emission limit.
Bypass Lines	HAP	Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan.	Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan.

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[40CFR 63 Subpart UUU, #4 4-20-2006]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: SULFUR RECOVERY UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.

2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirements of Sections 63.1574, 63.1575, and 63.1576, respectively.

3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).

4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).

5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.

6. The operator shall comply with the following standard(s) for SRUs:

Emission and Operating Limits for SRUs *(§ 63.1568)**

Control Type	Emission Limitation (0% excess air)	Operating Limit
Oxidation or reduction control system followed by incineration	SO2 emissions must not exceed 250 ppmvd	n/a
Reduction control system without incineration	Reduced sulfur compounds (calculated as SO2) must not exceed 300 ppmvd	n/a

**Applicable to all existing Claus SRUs that are part of a SRP of 20 long tons/day or more and are subject to the NSPS for sulfur oxides in 40 CFR 60.104(a)(2).*

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[40CFR 63 Subpart UUU, #4 4-20-2006]

7. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines *(§ 63.1569)**

Work Practice Standard
Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device.
Seal the bypass line by installing a solid blind between piping flanges.

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

8. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements:

Source Type	HAP Type	Initial Compliance	Continuous Compliance
SRU	HAP	Compliance with all applicable requirements of § 63.1568(b) including installation of a continuous SO_2 monitoring system and completion of a performance test.	Compliance with all applicable requirements of § 63.1568(c) including demonstration of compliance with the SO_2 emission limit.
Bypass Lines	HAP	Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan.	Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan.

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SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]

2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

   (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]

4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:

   (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

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(B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

(A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or

(B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

(A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;

(B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

(D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or affect:

    (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;

    (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;

    (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;

    (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;

    (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and

    (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

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commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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EMERGENCY PROVISIONS

17. An emergency[1] constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:

    (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

        (1) An emergency occurred and the operator can identify the cause(s) of the emergency;

        (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

        (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

        (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

    (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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1 "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or imporper operation, or operator error.

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RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

    (A) The date, place as defined in the Title V permit, and time of sampling or measurements;

    (B) The date(s) analyses were performed;

    (C) The company or entity that performed the analyses;

    (D) The analytical techniques or methods used;

    (E) The results of such analyses; and

    (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

    (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

    (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

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(C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.

(D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]

23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]

24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:

(A) Identification of each permit term or condition that is the basis of the certification;

(B) The compliance status during the reporting period;

(C) Whether compliance was continuous or intermittent;

(D) The method(s) used to determine compliance over the reporting period and currently, and

(E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

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PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

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FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1105.1	11-7-2003	Federally enforceable
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1110.2	2-1-2008	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1118	11-4-2005	Federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1123	12-7-1990	Federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non federally enforceable
RULE 1149	5-2-2008	Non federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1158	6-11-1999	Federally enforceable
RULE 1158	7-11-2008	Non federally enforceable
RULE 1168	1-7-2005	Non federally enforceable
RULE 1168	10-3-2003	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1173	2-6-2009	Non federally enforceable
RULE 1173	5-13-1994	Federally enforceable
RULE 1176	9-13-1996	Federally enforceable
RULE 1178	4-7-2006	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1189	1-21-2000	Federally enforceable
RULE 1301	12-7-1995	Federally enforceable
RULE 1303	5-10-1996	Federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(a)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1304(c)-Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	6-5-2009	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1404	4-6-1990	Non federally enforceable
RULE 1411	3-1-1991	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2001	1-7-2005	Non federally enforceable
RULE 2001	5-11-2001	Federally enforceable
RULE 2004	5-11-2001	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2011	5-6-2005	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 218	5-14-1999	Non federally enforceable
RULE 218	8-7-1981	Federally enforceable
RULE 219	7-11-2003	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 2202	2-6-2004	Non federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(10)(C)	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	5-2-2008	Non federally enforceable
RULE 304	7-9-2004	Non federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 441	5-7-1976	Non federally enforceable
RULE 461	6-3-2005	Federally enforceable
RULE 461, Universal Conditions	3-7-2008	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 465	8-13-1999	Federally enforceable
RULE 468	10-8-1976	Federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
RULE 476	10-8-1976	Federally enforceable
RULE 518	8-11-1995	Non federally enforceable
40CFR 60 Subpart A	5-16-2007	Federally enforceable
40CFR 60 Subpart Db	1-28-2009	Federally enforceable
40CFR 60 Subpart GG	2-24-2006	Federally enforceable
40CFR 60 Subpart GGGa	6-2-2008	Federally enforceable
40CFR 60 Subpart J	6-24-2008	Federally enforceable
40CFR 60 Subpart Ka	12-14-2000	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable
40CFR 60 Subpart QQQ	10-17-2000	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 61 Subpart A	5-16-2007	Federally enforceable
40CFR 61 Subpart FF	12-4-2003	Federally enforceable
40CFR 61 Subpart FF_01	12-4-2003	Federally enforceable
40CFR 63 Subpart A	5-16-2007	Federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
40CFR 63 Subpart CC	6-23-2003	Federally enforceable
40CFR 63 Subpart CC, #1	6-23-2003	Federally enforceable
40CFR 63 Subpart CC, #2	6-23-2003	Federally enforceable
40CFR 63 Subpart CC, #3A	6-23-2003	Federally enforceable
40CFR 63 Subpart CC, #4	6-23-2003	Federally enforceable
40CFR 63 Subpart CC, #5A	6-23-2003	Federally enforceable
40CFR 63 Subpart UUU, #1	4-20-2006	Federally enforceable
40CFR 63 Subpart UUU, #2	4-20-2006	Federally enforceable
40CFR 63 Subpart UUU, #4	4-20-2006	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 79	7-1-1999	Federally enforceable
40CFR 80	7-1-1999	Federally enforceable
40CFR 82 Subpart B	7-14-1992	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable
CA PRC CEQA	11-23-1970	Non federally enforceable
CONSENT DECREE CIVIL CASE No. 05 C 5809	12-13-2005	Federally enforceable
CCR Title 13	9-24-1999	Non federally enforceable

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

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APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

1. INTERNAL COMBUSTION ENGINE FOR 90 TON CRANE, DIESEL, 220 HP
2. INTERNAL COMBUSTION ENGINE FOR 65 TON CRANE, DIESEL, 180 HP
3. INTERNAL COMBUSTION ENGINE, SPAREMTH, GASOLINE, 5 HP
4. INTERNAL COMBUSTION ENGINE, LABMM, GASOLINE, 5 HP
5. INTERNAL COMBUSTION ENGINE, BLDCR, GASOLINE, 5 HP
6. INTERNAL COMBUSTION ENGINE, LABCIC, DIESEL, 5 HP
7. INTERNAL COMBUSTION ENGINE, BLDICM, GASOLINE, 5 HP
8. INTERNAL COMBUSTION ENGINE, LABICM, GASOLINE, 5 HP
9. INTERNAL COMBUSTION ENGINE, LABICR, GASOLINE, 5 HP

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 1-6-2006]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS
Less Water and Less Exempt Compounds
Effective Dates

Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 1-6-2006]

VOC LIMITS
Less Water and Less Exempt Compounds
Effective Dates, cont.

Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-9-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

	LIMITS Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds			
Coating	**Air Dried**	**(lb/gal)**	**Baked**	**(lb/gal)**
General				
One-Component	275	(2.3)	275	(2.3)
Multi-Component	340	(2.8)	275	(2.3)
Military Specification	340	(2.8)	275	(2.3)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)
Repair	420	(3.5)	360	(3.0)
Silicone Release	420	(3.5)	420	(3.5)
High Performance Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan Backing	420	(3.5)	420	(3.5)
Pretreatment Coatings	420	(3.5)	420	(3.5)

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-9-2001]

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

(1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.

(2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						
Industrial Maintenance							

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

Primers and Topcoats							
Alkyds	420						
Catalyzed Epoxy	420						
Bituminous Coatings	420						
Materials							
Inorganic Polymers	420						
Vinyl Chloride Polymers	420						
Chlorinated Rubber	420						
Acrylic Polymers	420						
Urethane Polymers	420						
Silicones	420						
Unique Vehicles	420						
Japans/Faux Finishing Coatings	350	700		350			
Magnesite Cement Coatings	600			450			
Mastic Coatings	300						
Metallic Pigmented Coatings	500						
Multi-Color Coatings	420		250				
Pigmented Lacquer	680		550			275	
Pre-Treatment Wash Primers	780						
Primers, Sealers, and Undercoaters	350						
Quick-Dry Enamels	400						
Roof Coatings	300						
Shellac							
Clear	730						
Pigmented	550						
Stains	350						
Swimming Pool Coatings							
Repair	650						
Other	340						
Traffic Coatings	250		150				
Waterproofing Sealers	400						
Wood Preservatives							
Below-Ground	350						
Other	350						

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

(1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.

(2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

TABLE OF STANDARDS
VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		
Nonflat High Gloss	250		150				50	

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings Roof Coatings, Aluminum	300 500		250		50 100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac Clear Pigmented	 730 550							
Specialty Primers	350					250	100	
Stains Stains, Interior	350 250		250				100	
Swimming Pool Coatings Repair Other	 650 340		340					
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives Below-Ground Other	 350 350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

TABLE OF STANDARDS (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

(1) Unless otherwise specified in paragraph (c)(2), a person shall not apply any adhesives, adhesive bonding primers, adhesive primers, or any other primer which have a VOC content in excess of 250 g/L less water and less exempt compounds.

(2) A person shall not apply adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primer which have a VOC content in excess of the limits specified below:

VOC Limit*, Less Water and Less Exempt Compounds in Grams per Liter

Architectural Applications	Current VOC Limit*
Indoor Carpet Adhesives	50
Carpet Pad Adhesives	50
Outdoor Carpet Adhesives	150
Wood Flooring Adhesive	100
Rubber Floor Adhesives	60
Subfloor Adhesives	50
Ceramic Tile Adhesives	65
VCT and Asphalt Tile Adhesives	50
Dry Wall and Panel Adhesives	50
Cove Base Adhesives	50
Multipurpose Construction Adhesives	70
Structural Glazing Adhesives	100
Single Ply Roof Membrane Adhesives	250

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

Specialty Applications	VOC Limits and Effective Dates**			
	Current VOC Limit*	1-1-05	7-1-05	1-1-07
PVC Welding	510			
CPVC Welding	490			
ABS Welding	400		325	
Plastic Cement Welding	350	250		
Adhesive Primer for Plastic	650		550	
Computer Diskette Manufacturing	350			
Contact Adhesive	80			
Special Purpose Contact Adhesive	250			
Tire Retread	100			
Adhesive Primer for Traffic Marking Tape	150			
Structural Wood Member Adhesive	140			
Sheet Applied Rubber Lining Operations	850			
Top and Trim Adhesive	540			250

** The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

For adhesives, adhesive bonding primers, or any other primer not regulated by the above two tables and applied to the following substrates, the following limits shall apply:

Substrate Specific Applications	Current VOC Limit*
Metal to Metal	30
Plastic Foams	50
Porous Material (except wood)	50
Wood	30
Fiberglass	80

If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.

Sealants	Current VOC Limit*
Architectural	250
Marine Deck	760
Nonmembrane Roof	300
Roadway	250
Single-Ply Roof Membrane	450
Other	420

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

Sealant Primers	Current VOC Limit*
Architectural	
Non Porous	250
Porous	775
Modified Bituminous	500
Marine Deck	760
Other	750

* For low-solid adhesives or sealants the VOC limit is expressed in grams per liter of material as determined in paragraph (b)(32); for all other adhesives and sealants, VOC limits are expressed as grams of VOC per liter of adhesive or sealant less water and less exempt compounds as determined in paragraph (b)(31).

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

(1) Unless otherwise specified in paragraph (c)(2), a person shall not apply any adhesives, adhesive bonding primers, adhesive primers, or any other primer which have a VOC content in excess of 250 g/L less water and less exempt compounds.

(2) A person shall not apply adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primer which have a VOC content in excess of the limits specified below:

VOC Limit*, Less Water and Less Exempt Compounds in Grams per Liter

Architectural Applications	Current VOC Limit
Indoor Carpet Adhesives	50
Carpet Pad Adhesives	50
Outdoor Carpet Adhesives	150
Wood Flooring Adhesive	100
Rubber Floor Adhesives	60
Subfloor Adhesives	50
Ceramic Tile Adhesives	65
VCT and Asphalt Tile Adhesives	50
Dry Wall and Panel Adhesives	50
Cove Base Adhesives	50
Multipurpose Construction Adhesives	70
Structural Glazing Adhesives	100
Single Ply Roof Membrane Adhesives	250

* For low-solid adhesives or sealants the VOC limit is expressed in grams per liter of material as determined in paragraph (b)(32); for all other adhesives and sealants, VOC limits are expressed as grams of VOC per liter of adhesive or sealant less water and less exempt compounds as determined in paragraph (b)(31).

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

.Specialty Applications	VOC Limits and Effective Dates**			
	Current VOC Limit	6-7-02	1-1-03	1-1-05
PVC Welding	510			285
CPVC Welding	490			270
ABS Welding	400			
Plastic Cement Welding	350			250
Adhesive Primer for Plastic	650			250
Computer Diskette Manufacturing	350			
Contact Adhesive	250		80	
Special Purpose Contact Adhesive	250			
Tire Retread	100			
Adhesive Primer for Traffic Marking Tape	150			
Structural Wood Member Adhesive	140			
Sheet Applied Rubber Lining Operations	850			
Top and Trim Adhesive	250	540		250

** The specified limits remain in effect unless revised limits are listed in subsequent columns.

Substrate Specific Applications	Current VOC Limit
Metal to Metal	30
Plastic Foams	50
Porous Material (except wood)	50

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

Substrate Specific Applications	Current VOC Limit
Wood	30
Fiberglass	80

If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.

Sealants	Current VOC Limit
Architectural	250
Marine Deck	760
Nonmembrane Roof	300
Roadway	250
Single-Ply Roof Membrane	450
Other	420

Sealant Primers	Current VOC Limit
Architectural	
Non Porous	250
Porous	775
Modified Bituminous	500
Marine Deck	760
Other	750

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 5-1-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 5-1-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 5-1-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 404 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 404 2-7-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9

FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0