FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)
2402 E ANAHEIM ST
WILMINGTON, CA 90744

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	9	05/29/2009
B	RECLAIM Annual Emission Allocation	25	05/29/2009
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	38	05/29/2009
E	Administrative Conditions	12	05/29/2009
F	RECLAIM Monitoring and Source Testing Requirements	10	05/29/2009
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	11	05/29/2009
H	Permit To Construct and Temporary Permit to Operate	59	05/29/2009
I	Compliance Plans & Schedules	12	05/29/2009
J	Air Toxics	8	05/29/2009
K	Title V Administration	5	05/29/2009

Appendix

A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	7	05/29/2009
B	Rule Emission Limits	8	05/29/2009

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	ULTRAMAR INC (NSR USE ONLY)
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	2402 E ANAHEIM ST WILMINGTON, CA 90744
MAILING ADDRESS:	2402 E ANAHEIM ST WILMINGTON, CA 90744
RESPONSIBLE OFFICIAL:	DAVID SANDERS
TITLE:	VICE PRESIDENT AND GENERAL MANAGER
TELEPHONE NUMBER:	(562) 491-6639
CONTACT PERSON:	WESLEY WAIDA
TITLE:	ENVIRONMENTAL MANAGER
TELEPHONE NUMBER:	(562) 491-6890
TITLE V PERMIT ISSUED:	May 29, 2009
TITLE V PERMIT EXPIRATION DATE:	May 28, 2014

TITLE V	RECLAIM	
YES	NOx:	YES
	SOx:	YES
	CYCLE:	1
	ZONE:	COASTAL

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 05/29/09 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2006	6 /2007	Coastal	0	0	0
1/2007	12/2007	Coastal	489201	3131	0
7/2007	6 /2008	Coastal	0	42944	0
1/2008	12/2008	Coastal	483931	457154	12763
7/2007	6 /2008	Inland	0	57854	0
7/2008	6 /2009	Coastal	0	143723	0
1/2009	12/2009	Coastal	472716	351698	25527
7/2008	6 /2009	Inland	0	1798	0
1/2009	12/2009	Inland	0	4000	0
7/2009	6 /2010	Coastal	0	45397	0
1/2010	12/2010	Coastal	472716	456517	38290
7/2009	6 /2010	Inland	0	1741	0
1/2010	12/2010	Inland	0	40000	0
7/2010	6 /2011	Coastal	0	47666	0
1/2011	12/2011	Coastal	472716	409945	51053
7/2010	6 /2011	Inland	0	1684	0
1/2011	12/2011	Inland	0	88000	0

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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.

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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 05/29/09 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2011	6 /2012	Coastal	0	48219	0
1/2012	12/2012	Coastal	472716	409945	51053
7/2011	6 /2012	Inland	0	1628	0
1/2012	12/2012	Inland	0	88000	0
7/2012	6 /2013	Coastal	0	48219	0
1/2013	12/2013	Coastal	472716	409945	51053
7/2012	6 /2013	Inland	0	1628	0
1/2013	12/2013	Inland	0	88000	0
7/2013	6 /2014	Coastal	0	48219	0
1/2014	12/2014	Coastal	472716	409945	51053
7/2013	6 /2014	Inland	0	1628	0
1/2014	12/2014	Inland	0	88000	0
7/2014	6 /2015	Coastal	0	48219	0
1/2015	12/2015	Coastal	472716	409945	51053
7/2014	6 /2015	Inland	0	1628	0
1/2015	12/2015	Inland	0	88000	0
7/2015	6 /2016	Coastal	0	48219	0

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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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) - Trading Zone 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	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 05/29/09 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
1/2016	12/2016	Coastal	472716	409945	51053
7/2015	6 /2016	Inland	0	1628	0
1/2016	12/2016	Inland	0	88000	0
7/2016	6 /2017	Coastal	0	48219	0
1/2017	12/2017	Coastal	472716	409945	51053
7/2016	6 /2017	Inland	0	1628	0
1/2017	12/2017	Inland	0	88000	0
7/2017	6 /2018	Coastal	0	48219	0
1/2018	12/2018	Coastal	472716	409945	51053
7/2017	6 /2018	Inland	0	1628	0
1/2018	12/2018	Inland	0	88000	0
7/2018	6 /2019	Coastal	0	48219	0
1/2019	12/2019	Coastal	472716	409945	51053
7/2018	6 /2019	Inland	0	1628	0
1/2019	12/2019	Inland	0	88000	0
7/2019	6 /2020	Coastal	0	48219	0
1/2020	12/2020	Coastal	472716	409945	51053

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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 05/29/09 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2019	6 /2020	Inland	0	1628	0
1/2020	12/2020	Inland	0	88000	0
7/2020	6 /2021	Coastal	0	48219	0
1/2021	12/2021	Coastal	472716	409945	51053
7/2020	6 /2021	Inland	0	1628	0
1/2021	12/2021	Inland	0	88000	0
7/2021	6 /2022	Coastal	0	48219	0
1/2022	12/2022	Coastal	472716	409945	51053
7/2021	6 /2022	Inland	0	1628	0
1/2022	12/2022	Inland	0	88000	0
7/2022	6 /2023	Coastal	0	48219	0
1/2023	12/2023	Coastal	472716	409945	51053
7/2022	6 /2023	Inland	0	1628	0
1/2023	12/2023	Inland	0	88000	0
7/2023	6 /2024	Coastal	0	48219	0
1/2024	12/2024	Coastal	472716	409945	51053
7/2023	6 /2024	Inland	0	1628	0

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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ULTRAMAR INC (NSR USE ONLY)

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 05/29/09 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
1/2024	12/2024	Inland	0	88000	0

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 05/29/09 (pounds)	Non-Tradable [2] Credits (NTCs) (pounds)
1/2007	12/2007	Coastal	390228	78262	
1/2007	12/2007	Inland	0	40000	
7/2007	6 /2008	Coastal	0	90500	
1/2008	12/2008	Coastal	382472	412347	
7/2007	6 /2008	Inland	0	105908	
1/2008	12/2008	Inland	0	20000	
7/2008	6 /2009	Coastal	0	25000	
1/2009	12/2009	Coastal	416029	330781	
1/2010	12/2010	Coastal	416029	416029	
1/2011	12/2011	Coastal	416029	416029	
1/2012	12/2012	Coastal	416029	416029	
1/2013	12/2013	Coastal	416029	416029	
1/2014	12/2014	Coastal	416029	416029	
1/2015	12/2015	Coastal	416029	416029	
1/2016	12/2016	Coastal	416029	416029	
1/2017	12/2017	Coastal	416029	416029	
1/2018	12/2018	Coastal	416029	416029	

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 05/29/09 (pounds)	Non-Tradable [2] Credits (NTCs) (pounds)
1/2019	12/2019	Coastal	416029	416029	
1/2020	12/2020	Coastal	416029	416029	
1/2021	12/2021	Coastal	416029	416029	
1/2022	12/2022	Coastal	416029	416029	
1/2023	12/2023	Coastal	416029	416029	
1/2024	12/2024	Coastal	416029	416029	

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Begin	Year End	Zone	NOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTCs) (pounds)
1/1994	12/1994	Coastal	849881	729265

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Begin	Year End	Zone	SOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTCs) (pounds)
1/1994	12/1994	Coastal	1010497	0

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
System 1 : CRUDE DISTILLATION UNIT #10					S13.2, S15.12
COLUMN, CRUDE DISTILLATION, 10-V-100, HEIGHT: 67 FT; DIAMETER: 8 FT 6 IN A/N: 244379	D1	D1235			
ACCUMULATOR, CRUDE TOWER OVERHEAD, 10-V-101, LENGTH: 19 FT; DIAMETER: 5 FT A/N: 244379	D883				
TANK, SURGE, CRUDE TOWER, 10-V-102, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 244379	D884				
COLUMN, 10-V-103, LGO STRIPPER, HEIGHT: 24 FT; DIAMETER: 4 FT A/N: 244379	D885				
VESSEL, DESALTER, CRUDE, 10-DE-100, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 244379	D886				
VESSEL, DESALTER, CRUDE, 10-DE-101, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 244379	D887				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 244379	D1310			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
System 2 : CRUDE DISTILLATION UNIT #10 HEATERS					
HEATER, CRUDE, 10-H-100, REFINERY GAS, 159.2 MMBTU/HR WITH A/N: 344655 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMR-14M, WITH LOW NOX BURNER, 28 TOTAL	D3		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [**RULE 407,4-2-1982]** ; **NOX:** 10.75 LBS/HR (7) [**RULE 2005,5-6-2005]** ; **PM:** (9) [**RULE 404,2-7-1986]** **PM:** 0.1 GRAINS/SCF (5) [**RULE 409,8-7-1981]**	A229.1, B61.1, B61.2, C1.15, D90.3, D328.1, H23.5
System 3 : CRUDE UNIT #11					S13.2, S15.12
COLUMN, CRUDE DISTILLATION, 11-V-1000, HEIGHT: 87 FT; DIAMETER: 8 FT 6 IN A/N: 177987	D888				
ACCUMULATOR, CRUDE TOWER OVHD, 11-V-1001, HEIGHT: 16 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 177987	D4				
TANK, SURGE, HSRGO, 11-V-1002, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 177987	D889				
COLUMN, LGO STRIPPER, 11-V-1003, HEIGHT: 28 FT 9 IN; DIAMETER: 4 FT A/N: 177987	D890				

* (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 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					P13.1
VESSEL, DESALTER, CRUDE, 11-DE-1000, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 177987	D891				
VESSEL, DESALTER, CRUDE, 11-DE-1001, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 177987	D892				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177987	D1312			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001**]	H23.17
System 4 : CRUDE DISTILLATION UNIT #11 HEATERS					
HEATER, CRUDE, 11-H-1000, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 136 MMBTU/HR WITH A/N: 273911 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMT, SIZE 16M, 14 BURNERS	D6		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**]	B61.1, B61.2, D90.3, D328.1, H23.5
System 5 : VACUUM DISTILLATION UNIT					S13.2, S15.5, S15.12
COLUMN, VACCUM UNIT, 20-V-2000, HEIGHT: 101 FT; DIAMETER: 19 FT A/N: 177972	D7				

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
DRUM, EJECTOR DISCHARGE, 20-V-201, LENGTH: 7 FT; DIAMETER: 3 FT 6 IN A/N: 177972	D894				H23.1
CONDENSER, FIRST-STAGE EJECTOR, 20-E-204 A/N: 177972	D900				
CONDENSER, SECOND-STAGE EJECTOR, 20-E-205 A/N: 177972	D901				
CONDENSER, EJECTOR, 20-E-206 A/N: 177972	D902				
EJECTOR, VACUUM TOWER, 20-EJ-200, THREE EJECTORS SYSTEM A/N: 177972	D907				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177972	D1314				H23.17
System 6 : VACUUM DISTILLATION UNIT HEATERS					
HEATER, VACCUM FEED HEATER, 20-H-200, REFINERY GAS, HHV, WITH LOW NOX BURNER, 49 MMBTU/HR WITH A/N: 224453 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-16, 10 BURNERS	D8		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]**	B61.1, B61.2, D90.3, D328.1, H23.5

* (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
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ULTRAMAR INC (NSR USE ONLY)

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Process 1 : CRUDE DISTILLATION					P13.1
HEATER, VACUUM FEED, 20-H-2000, REFINERY GAS, HHV, WITH LOW NOX BURNER, 20 MMBTU/HR WITH A/N: 224454 BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, SIZE 25, 6 BURNERS	D9		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:** 36 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]**	B61.1, B61.2, D28.11, D90.3, H23.5, K171.1
Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
System 1 : DELAYED COKING UNIT #30					S7.1, S13.2, S15.2, S15.5, S15.12
DRUM, 30-V-300A, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 177993	D10			**PM:** (9) [**RULE 405,2-7-1986]**	D323.2
DRUM, 30-V-300B, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 177993	D11			**PM:** (9) [**RULE 405,2-7-1986]**	D323.2
FRACTIONATOR, 30-V-301, HEIGHT: 52 FT; DIAMETER: 7 FT A/N: 177993	D908				

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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 2 : COKING AND RESIDUAL CONDITIONING					P13.1
ACCUMULATOR, FRACTIONATOR OVERHEAD, 30-V-302, WITH WATER LEG VENTED TO LIGHT ENDS RECOVERY COMPRESSOR, LENGTH: 18 FT; DIAMETER: 5 FT 6 IN A/N: 177993	D909				
TANK, COKE DRUM CONDENSATE, 30-V-303, LENGTH: 10 FT; DIAMETER: 4 FT 6 IN A/N: 177993	D910				
COLUMN, LIGHT GAS OIL STRIPPER, 30-V-307, HEIGHT: 22 FT; DIAMETER: 2 FT 6 IN A/N: 177993	D911				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177993	D1317			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 2 : DELAYED COKING UNIT #30 HEATERS					
HEATER, 30-H-301, REFINERY GAS, WITH LOW NOX BURNER, 144 MMBTU/HR WITH A/N: 447457 BURNER, REFINERY GAS, JOHN ZINK, MODEL PXMR-20, 32 BURNERS, 144 MMBTU/HR	D12	C13	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]**	A63.6, B61.1, B61.2, C1.31, D29.1, D90.3, D328.1, H23.5, K67.1

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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
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Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
SELECTIVE CATALYTIC REDUCTION, SERVING HEATER 30-H-301, WITH AMMONIA INJECTION A/N: 339015	C13	D12		**NH3:** 20 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002*]	D12.5, D12.6, D28.13, E71.5
System 3 : DELAYED COKING UNIT #31					S7.1, S13.2, S15.3, S15.5, S15.12
DRUM, 31-V-3000C, HEIGHT: 58 FT; DIAMETER: 23 FT A/N: 289077	D14			**PM:** (9) [**RULE 405,2-7-1986]**	D323.2
DRUM, 31-V-3000D, HEIGHT: 58 FT; DIAMETER: 23 FT A/N: 289077	D15			**PM:** (9) [**RULE 405,2-7-1986]**	D323.2
TOWER, 31-V-3001, HEIGHT: 62 FT; DIAMETER: 7 FT 6 IN A/N: 289077	D16				
ACCUMULATOR, COKE TOWER OVHD, 31-V-3002, HEIGHT: 18 FT; DIAMETER: 5 FT 6 IN A/N: 289077	D17				
COLUMN, COKE LIGHT GAS OIL STRIPPER, 31-V-3007, HEIGHT: 21 FT 7 IN; DIAMETER: 2 FT 6 IN A/N: 289077	D18				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 289077	D1318			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

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Process 2 : COKING AND RESIDUAL CONDITIONING					P13.1
System 4 : DELAYED COKING UNIT #31 HEATERS					
HEATER, DCU, 31-H-3000, REFINERY GAS, HHV, WITH LOW NOX BURNER, 95 MMBTU/HR WITH A/N: 273912 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMR, SIZE 14, 14 BURNERS	D22		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]**	B61.1, B61.2, D90.3, D328.1, H23.5
System 5 : DELAYED COKING BLOWDOWN UNIT					S13.2, S15.3, S15.5, S15.12
ACCUMULATOR, 30-V-306, QUENCH TOWER OVHD, LENGTH: 12 FT; DIAMETER: 5 FT A/N: 178094	D21				
TOWER, 30-V-304, QUENCH, HEIGHT: 25 FT 9 IN; DIAMETER: 6 FT A/N: 178094	D550				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178094	D1319			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 6 : COKE HANDLING UNIT					S13.1
CRUSHER, 30-CR-300-1/2/3, PRIMARY, RAW COKE A/N: 323709	D23			**PM:** (9) [**RULE 405,2-7-1986]**	A63.7, D323.1, E202.2

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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
(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
CUTTER, 30-ME-300, DEHEADING CART A/N: 323709	D24			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
CRUSHER, 31-CR-3000-1/2/3, PRIMARY COKE A/N: 323709	D25			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
CUTTER, 31-ME-3000, DEHEADING CART A/N: 323709	D26			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
TANK, 31-TK-3000, OPEN TOP, 9890 BBL; DIAMETER: 30 FT; HEIGHT: 54 FT A/N: 323709	D27			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
STORAGE TANK, INTERNAL FLOATING ROOF, 30-TK-300, CLARIFIED WATER, WITH INTERNAL MIXER, 4700 BBL; DIAMETER: 30 FT; HEIGHT: 33 FT 6 IN WITH A/N: 323709 FLOATING ROOF, PONTOON	D28			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
TANK, SURGE, 32-TK-301, CLARIFIED WATER, OPEN TOP, HEIGHT: 14 FT 3 IN; DIAMETER: 10 FT A/N: 323709	D29			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
TANK, 32-ME-302, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 12 FT; DIAMETER: 70 FT A/N: 323709	D30			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2

* (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
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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, 32-ME-303, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 14 FT; DIAMETER: 70 FT A/N: 323709	D31			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E202.2
System 7 : COKE HANDLING, STORAGE, AND LOADING FACILITY (HYDROBINS)					S1.1, S13.1
BIN, 32-TK-HBIN/A, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709	D1231			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5
BIN, 32-TK-HBIN/B, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709	D1232			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5
BIN, 32-TK-HBIN/C, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709	D1233			**PM:** (9) **[RULE 405,2-7-1986]**	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5
Process 3 : CATALYTIC CRACKING					P13.1
System 1 : FCCU					S13.2, S15.5, S15.12, S42.1
REACTOR, FCC, 61-R-1, WITH CYCLONE, HEIGHT: 153 FT 10 IN; DIAMETER: 15 FT 6 IN A/N:	D35				

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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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : CATALYTIC CRACKING					P13.1
REGENERATOR, FCC, 61-IN-1, WITH CYCLONE, HEIGHT: 100 FT 6 IN; DIAMETER: 26 FT 6 IN A/N:	D36	C39 D157 D158 D166 D168 D973 D986	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:** 2 LBS/TON COKE BURNOFF (8) [**40CFR 60 Subpart J,6-24-2008**] ; **PM:** (9) [**RULE 404,2-7-1986;RULE 405,2-7-1986**]	A63.4, A63.8, D29.2, D29.12, D82.3, D90.4
TANK, SURGE, 61-V-3, RAW OIL, HEIGHT: 35 FT; DIAMETER: 12 FT 6 IN A/N:	D37				
BLOWER, 61-BL-1, MAIN AIR, 80,142 CFM,SINGLE STAGE CENTRIFUGAL WITH A 6,000HP MOTOR A/N:	D1023				
VESSEL, SEPARATOR, 61-CY-3, THIRD STAGE A/N:	D1024				
TANK, SURGE, 61-V-10, FLUE GAS COOLER, HEIGHT: 20 FT; DIAMETER: 6 FT A/N:	D1247				
EJECTOR, 61-BLX-1-EJ-1 A/N:	D1249				

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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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Process 3 : CATALYTIC CRACKING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1321			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 2 : FCCU HEATERS					
HEATER, 61-H-1, REFINERY GAS, 100 MMBTU/HR WITH A/N: 178009 BURNER, REFINERY GAS, JOHN ZINK, MODEL YE, I BURNER	D38		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]**	B61.2, D90.3, E71.1, H23.5
System 3 : FCCU CONTROL					
ELECTROSTATIC PRECIPITATOR, 61-PR-1A/B, FCCU, MODEL 24/25/2X9/10 IN, TWO PARALLEL SINGLE CHAMBER UNITS, 24 GAS PASSAGES PER PRECIPATATOR A/N: 178024	C39	D36 C1615		**HAP:** (10) **[40CFR 63 Subpart UUU, #2,4-20-2006]**	C12.1, E102.1
System 4 : CATALYST HANDLING UNIT					
HOPPER, DUMP, FRESH CATALYST STORAGE, 61-V-1 A/N: 178025	D40			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, DUMP, EQUILIBRIUM CATALYST STORAGE, 61-V-2 A/N: 178025	D41			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1

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Process 3 : CATALYTIC CRACKING					P13.1
EJECTOR, 61-EJ-1 A/N: 178025	D42	D408			
Process 4 : HYDROTREATING					P13.1
System 1 : GAS OIL UNIBON HYDROTREATING UNIT 80					S4.9, S13.2, S15.3, S15.5, S15.12, S31.1
TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT; DIAMETER: 12 FT A/N:	D43				
REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT; DIAMETER: 13 FT A/N:	D918				
REACTOR, NO. 2, 80-V-3, HDA, HEIGHT: 27 FT; DIAMETER: 13 FT A/N:	D919				
COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N:	D1382				
VESSEL, SEPARATOR, PRODUCT, 80-V-4, HEIGHT: 30 FT; DIAMETER: 12 FT A/N:	D44				
COMPRESSOR, RECYCLE GAS, 80-C-1 A/N:	D553				
REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N:	D1383				

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Process 4 : HYDROTREATING					P13.1
DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N:	D1381				
SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT; DIAMETER: 4 FT 6 IN A/N:	D51				
KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N:	D1385				
COLUMN, 80-V-10, HDA DISTILLATE SPLITTER (HIGH PRESSURE STRIPPER), HEIGHT: 74 FT; DIAMETER: 12 FT A/N:	D46				
ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT; DIAMETER: 5 FT A/N:	D47				
TANK, SURGE, 80-V-12, WASH WATER, HEIGHT: 7 FT; DIAMETER: 2 FT 6 IN A/N: 344827	D48				
FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N:	D49				

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(4) Denotes BACT emission limit
(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					P13.1
ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT; DIAMETER: 5 FT A/N:	D50				
COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N:	D920				
COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT; DIAMETER: 4 FT A/N:	D921				
VESSEL, SALT FILTER, 80-V-9, LENGTH: 13 FT; DIAMETER: 8 FT 6 IN A/N:	D45				
VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N:	D1384				
FILTER, 80-V-23, SALT, GOH DISTILLATE A/N: 344827	D1248				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1323			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
System 2 : GAS OIL UNIBON HYDROTREATING UNIT HEATERS					
HEATER, 80-H-1, REFINERY GAS, WITH LOW NOX BURNER, 36 MMBTU/HR WITH A/N: 177999 BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, EIGHT SIZE 25, FOUR SIZE 50A, 12 BURNERS	D52		NOX: MAJOR 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]** ; **PM:** (9) [**RULE 404,2-7-1986]** **PM:** 0.1 GRAINS/SCF (5) [**RULE 409,8-7-1981]**	B61.2, D90.3, D328.1, H23.5
HEATER, 80-H-2, REFINERY GAS, WITH AMMONIA INJECTION, 68 MMBTU/HR WITH A/N: 375762 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-12W, 6 BURNERS, WITH LOW NOX BURNER	D53		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]**	B61.2, D90.3, D328.1, H23.5
System 3 : NAPHTHA HYDROTREATING UNIT #60					S13.2, S15.3, S15.5, S15.12
TANK, SURGE, FEED, 60-V-1, LENGTH: 25 FT; DIAMETER: 8 FT A/N: 378969	D54				

* (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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ULTRAMAR INC (NSR USE ONLY)

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					P13.1
REACTOR, 60-V-2, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 378969	D922				
VESSEL, SEPARATOR, PRODUCT, 60-V-3, LENGTH: 20 FT 8 IN; DIAMETER: 7 FT A/N: 378969	D55				
COMPRESSOR, 60-C-1A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 378969	D57				
COMPRESSOR, 60-C-2A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 378969	D58				
COLUMN, STRIPPER, 60-V-5, WITH 20 TRAYS, HEIGHT: 58 FT 6 IN; DIAMETER: 7 FT A/N: 378969	D56				
ACCUMULATOR, STRIPPER, 60-V-6, LENGTH: 13 FT; DIAMETER: 4 FT 6 IN A/N: 378969	D924				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 378969	D1325			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

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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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
System 4 : OLEFIN HYDROTREATING UNIT #60 HEATERS					
HEATER, 60-H-1, REFINERY GAS, HHV, WITH LOW NOX BURNER, 26.4 MMBTU/HR WITH A/N: 220601 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-18, 4 BURNERS	D59		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:** 36 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]**	B61.1, B61.2, D28.11, D90.3, H23.5, K171.1
HEATER, 60-H-2, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 29.7 MMBTU/HR WITH A/N: 220600 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-20, 3 BURNERS	D60		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5A) [**RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) [**RULE 1146,11-17-2000;***RULE 1146,9-5-2008*] ; **NOX:** 36 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]**	B61.1, B61.2, D28.11, D90.3, H23.5, 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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ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING					P13.1
System 5 : GAS OIL HYDRODESULFURIZATION UNIT					S4.6, S13.2, S15.3, S15.5, S15.12
VESSEL, COALESCER, 58-V-14, WARM FEED, HEIGHT: 24 FT; DIAMETER: 4 FT 6 IN A/N: 312555	D687				
TANK, SURGE, FEED, 58-V-1, HEIGHT: 60 FT; DIAMETER: 12 FT A/N: 312555	D688				
REACTOR, GUARD, 58-R-1, HEIGHT: 16 FT 3 IN; DIAMETER: 14 FT A/N: 312555	D689				
REACTOR, HYDROTREATING, 58-R-2, HEIGHT: 42 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 312555	D690				
REACTOR, HYDROTREATING, 58-R-3, HEIGHT: 62 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 312555	D691				
GAS SEPARATOR, HP HOT, 58-V-2, HEIGHT: 30 FT; DIAMETER: 10 FT 6 IN A/N: 312555	D692				
GAS SEPARATOR, HP COLD, 58-V-3, HEIGHT: 31 FT 2 IN; DIAMETER: 8 FT 6 IN A/N: 312555	D693				

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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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
GAS SEPARATOR, LP COLD, 58-V-8, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 312555	D694				
COLUMN, STRIPPING, 58-V-9, HEIGHT: 93 FT 6 IN; DIAMETER: 12 FT 6 IN A/N: 312555	D695				
DRUM, STRIPPER OVERHEAD, 58-V-10, HEIGHT: 26 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 312555	D696				
COLUMN, DISTILLATE STRIPPING, 58-V-16, HEIGHT: 37 FT 6 IN; DIAMETER: 5 FT A/N: 312555	D697				
ABSORBER, HP H2S, 58-V-4, HEIGHT: 76 FT; DIAMETER: 6 FT 6 IN A/N: 312555	D698				
KNOCK OUT POT, RECYCLE GAS COMPRESSOR, 58-V-5, HEIGHT: 16 FT; DIAMETER: 7 FT 6 IN A/N: 312555	D699				
TANK, SURGE, 58-V-6, WASH WATER, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 312555	D700				
GAS SEPARATOR, LP HOT, 58-V-7, HEIGHT: 44 FT; DIAMETER: 10 FT 6 IN A/N: 312555	D701				

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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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
GAS SEPARATOR, 58-V-12, HEIGHT: 7 FT 2 IN; DIAMETER: 18 FT A/N: 312555	D702				
TANK, FLASH, 58-V-13, RICH AMINE, HEIGHT: 30 FT; DIAMETER: 11 FT 6 IN A/N: 312555	D703				
KNOCK OUT POT, 58-V-15, FUEL GAS, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 312555	D704				
DRUM, 89-V-9007, FLARE BLOWDOWN,, HEIGHT: 38 FT; DIAMETER: 12 FT 6 IN A/N: 312555	D705				
VESSEL, 89-V-9008, FLARE DRAIN POT, HEIGHT: 4 FT; DIAMETER: 2 FT 6 IN A/N: 312555	D1309				
DRUM, CONDENSATE COLLECTION, 58-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT 6 IN A/N: 312555	D706				
DRUM, CONDENSATE BLOWDOWN, 58-V-21, HEIGHT: 7 FT 6 IN; DIAMETER: 4 FT A/N: 312555	D707				
COMPRESSOR, RECYCLE GAS, 58-C-1, 6500 HP A/N: 312555	D708				H23.16

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(7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
DRUM, 58-V-22, SOUR WATER SURGE, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 312555	D1307				
DRUM, 58-V-23, AMINE DRAIN COLLECTION, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: 312555	D1308				
FILTER, 58-F-1A/B, COLD FEED PREFILTER, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555	D762				
FILTER, 58-F-2A/B/C, WARM FEED, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555	D764				
FILTER, 58-F-3A/B, COMBINED FEED, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555	D766				
VESSEL, GOH DISTILLATE, SALT FILTER, 58-V-24, HEIGHT: 52 FT; DIAMETER: 12 FT A/N: 312555	D1306				
EJECTOR, 58-EJ-1, EDUCTOR WITH SILENCER A/N: 312555	D767				
DRAIN SYSTEM COMPONENT A/N: 312555	D1469			**HAP:** (10) **[40CFR 63 Subpart CC, #4,5-25-2001]**	H23.4

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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.)
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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					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 312555	D1327			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16
System 6 : GAS OIL HYDRODESULFURIZATION UNIT HEATERS					
HEATER, GAS OIL HYDROTREATING, 58-H-1, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR WITH A/N: 447456 BURNER, 12 BURNERS, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR	D768	C770	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]**	A63.2, B61.1, B61.2, D90.3, D328.1, H23.5
SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION A/N: 291900	C770	D768		**NH3:** 20 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002*]	D12.7, D28.4, E73.1
System 7 : NAPHTHA HYDROTREATER/SPLITTER UNIT #56					S4.4, S13.2, S15.5, S15.12, S31.5
COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT; DIAMETER: 10 FT A/N:	D61				
TANK, SURGE, 56-V-1, HEIGHT: 32 FT; DIAMETER: 10 FT A/N:	D423				
REACTOR, 56-R-2, HEIGHT: 29 FT; DIAMETER: 9 FT 6 IN A/N:	D1464				

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(3) Denotes RECLAIM concentration limit
(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					P13.1
VESSEL, SEPARATOR, PRODUCT, 56-V-3, HEIGHT: 25 FT; DIAMETER: 9 FT 6 IN A/N:	D424				
ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N:	D425				
ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT; DIAMETER: 8 FT 6 IN A/N:	D426				
KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D427				
ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT; DIAMETER: 8 FT A/N:	D428				
DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT; DIAMETER: 3 FT 6 IN A/N:	D593				
COMPRESSOR, RECYCLE, 56-C-1 A/N:	D594				H23.16
DRUM, 56-V-15, HOT OIL, HEIGHT: 30 FT; DIAMETER: 8 FT A/N:	D595				

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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 4 : HYDROTREATING					P13.1
COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT; DIAMETER: 11 FT A/N:	D596				
COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT; DIAMETER: 9 FT 6 IN A/N:	D598				
DRAIN SYSTEM COMPONENT A/N: 285344	D1470			**HAP:** (10) [**40CFR 63 Subpart CC, #4,5-25-2001]**	H23.4
BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N:	D1465				
EJECTOR, EVACUATION, 56-EJ-1 A/N:	D1466				
VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N:	D1467				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1328			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16
System 8 : NAPHTHA HYDROTREATER/SPLITTER UNIT HEATERS					S2.1
HEATER, NAPHTHA HYDROTREATER CHARGE, 56-H-1, REFINERY GAS, 30 MMBTU/HR WITH A/N: 447454	D429	C431	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5A) [**RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) [**RULE 1146,11-17-2000;***RULE 1146,9-5-2008*] ; **PM:** (9) [**RULE 404,2-7-1986]**	B61.1, B61.2, D90.3, D328.1, H23.5

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4 : HYDROTREATING					P13.1
BURNER, 6 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 30 MMBTU/HR				**PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	
HEATER, HOT OIL, 56-H-2, REFINERY GAS, 200 MMBTU/HR WITH A/N: 277667 BURNER, 15 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 200 MMBTU/HR	D430	C431	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]**	B61.1, B61.2, D90.3, H23.5
SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION, WIDTH: 16 FT; HEIGHT: 11 FT; LENGTH: 8 FT A/N: 281826	C431	D429 D430		**NH3:** 20 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]**	D12.7, D28.4, E73.1, K171.1
Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
System 1 : PLATFORMER UNIT #70					S13.2, S13.13, S15.5, S15.12
VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT; DIAMETER: 7 FT A/N:	D62				

* (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
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT; DIAMETER: 7 FT A/N:	D65				
VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N:	D66				
HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N:	D68	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]** ; **PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N:	D69	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]** ; **PM:** (9) **[RULE 405,2-7-1986]**	D323.1
VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N:	D70				
VESSEL, LIFT ENGAGER, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N:	D71	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
EJECTOR, STEAM JET, 70-EJ-1 A/N:	D72				
COMPRESSOR, RECYCLE GAS, 70-C-1 A/N:	D554				
COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N:	D555				

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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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Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N:	D556				
REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N:	D925			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N:	D926			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N:	D927			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
TANK, CONDENSATE INJECTION, 70-V-9, HEIGHT: 5 FT; DIAMETER: 2 FT 6 IN A/N: 178090	D928				
DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT; DIAMETER: 2 FT A/N:	D930				
DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT; DIAMETER: 5 FT A/N:	D931				
TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N:	D932	D74 D935		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	A63.3

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N:	D933	D946		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
VESSEL, LIFT ENGAGER, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N:	D934	D74		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, DISENGAGING, 70-V-25, DIAMETER: 4 FT; HEIGHT: 8 FT A/N:	D935	D932		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N:	D936			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N:	D937			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N:	D938			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N:	D939			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N:	D940	D74			

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Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N:	D941	D74			
DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N:	D942	D74			
DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N:	D943	D74			
VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N:	D944				
EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N:	D945				
FILTER, HEPA, 70-ME-22 A/N:	D946	D933			D322.1, D381.1, K67.8
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1331			**HAP:** (10) [**40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 2 : PLATFORMER UNIT #70 HEATERS					
HEATER, 70-H-4, REFINERY GAS, HHV, WITH LOW NOX BURNER, 29.7 MMBTU/HR WITH A/N: 220593	D73		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5A) [**RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) [**RULE 1146,11-17-2000;***RULE 1146,9-5-2008*] ; **NOX:** 36 PPMV (3) [**RULE 2012,5-6-2005]**	B61.1, B61.2, D28.11, D90.3, H23.5, K171.1

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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-20, 3 BURNERS				**PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]** ; **PM:** (9) **[RULE 404,2-7-1986]**	
HEATER, 70-H-1/2/3, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNER, 151 MMBTU/HR WITH A/N: BURNER, REFINERY GAS, JOHN ZINK, MODEL LNC-Q, SIXTEEN-SIZE 16, SEVEN-SIZE 14, 23 BURNERS	D74	D68 D69 D71 D932 D934 D935 D940 D941 D942 D943	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]**	B61.2, D90.3, D90.13, H23.5
Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
System 1 : ALKYLATION UNIT #68					S4.4, S13.2, S15.5, S15.12, S31.5
SETTLING TANK, ACID, 68-V-4A/B, LENGTH: 40 FT; DIAMETER: 13 FT A/N:	D947				
VESSEL, RECEIVER, DEPROPANIZER, 68-V-12, HEIGHT: 22 FT 6 IN; DIAMETER: 7 FT 6 IN A/N:	D948				

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
TANK, SURGE, REGENERANT, 68-V-1, LENGTH: 16 FT; DIAMETER: 5 FT 6 IN A/N: 307083	D75				
VESSEL, FIELD BUTANE DRIERS, 68-V-2 A, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 307083	D76				
TANK, HOLDING, 68-V-3, ACID, HEIGHT: 60 FT; DIAMETER: 12 FT A/N:	D77				
VESSEL, RECEIVER, ISOSTRIPPER SIDECUT, 68-V-5, LENGTH: 40 FT; DIAMETER: 12 FT 6 IN A/N:	D78				
COLUMN, ISO STRIPPER, 68-V-6, HEIGHT: 180 FT 6 IN; DIAMETER: 13 FT A/N:	D79				
VESSEL, TREATER, 68-V-7 A, BUTANE ALUMINA, HEIGHT: 38 FT; DIAMETER: 13 FT 6 IN A/N: 307083	D80				
VESSEL, TREATER, BUTANE KOH, 68-V-8, HEIGHT: 16 FT; DIAMETER: 8 FT A/N:	D81				
REGENERATOR, ACID, 68-V-9C, HEIGHT: 28 FT; DIAMETER: 3 FT 6 IN A/N:	D82				

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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
SETTLING TANK, DEPROPANIZER FEED, 68-V-10, LENGTH: 24 FT; DIAMETER: 8 FT A/N: 307083	D83				
COLUMN, DEPROPANIZER, 68-V-11, HEIGHT: 87 FT 6 IN; DIAMETER: 5 FT 6 IN A/N:	D84				
COLUMN, HF STRIPPER, 68-V-13, HEIGHT: 42 FT; DIAMETER: 4 FT 6 IN A/N:	D85				
VESSEL, TREATER, 68-V-14A, PROPANE ALUMINA, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 307083	D86				
VESSEL, TREATER, PROPANE KOH, 68-V-15, HEIGHT: 16 FT; DIAMETER: 4 FT A/N:	D87				
TANK, SURGE, 68-V-16, POLYMER, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N:	D88				
VESSEL, COALESCER, 68-V-23, LENGTH: 8 FT 3 IN; DIAMETER: 1 FT 8 IN A/N: 307083	D91				
VESSEL, 68-V-2B, FIELD BUTANE DRIER, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 307083	D95				

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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, TREATER, 68-V-7B, BUTANE ALUMINA, HEIGHT: 38 FT; DIAMETER: 13 FT 6 IN A/N: 307083	D96				
VESSEL, TREATER, 68-V-14B, PROPANE ALUMINA, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 307083	D97				
PUMP, HF ACID CIRCULATION, 68-P-1A, 300 HP, WITH VENTED SEAL AND SEAL POT A/N: 307083	D1008	D949			D238.1
PUMP, HF ACID CIRCULATION, 68-P-1B, 300 HP, WITH VENTED SEAL AND SEAL POT A/N: 307083	D1010	D949			
PUMP, HF ACID EVACUATION, 68-P-16, 75 HP, STANDBY, WITH VENTED SEAL AND SEAL POT A/N:	D1011	D949			D238.1
REACTOR, 68-E-3, NO.1, HF ACID, SHELL AND TUBE TYPE A/N: 307083	D1137				D238.1
REACTOR, 68-E-4, NO.2, HF ACID, SHELL AND TUBE TYPE A/N: 307083	D1138				D238.1
KNOCK OUT POT, 68-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT A/N:	D949	D1008 D1010 D1011			

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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, POLYMER NEUTRALIZER, 68-V-17, HEIGHT: 12 FT; DIAMETER: 6 FT A/N:	D89				
SCRUBBER, 68-V-20, ACID RELIEF GAS, HEIGHT: 46 FT; DIAMETER: 12 FT 6 IN A/N:	D90	D950 D1288			
DRUM, NEUTRALIZING, 68-V-19, LENGTH: 20 FT; DIAMETER: 6 FT A/N:	D950	D90			
VESSEL, 68-V-21, KOH, WITH MIXER, LENGTH: 6 FT; DIAMETER: 4 FT A/N: 307083	D951				
TANK, KOH REGENERATION, 68-V-22, HEIGHT: 23 FT; DIAMETER: 8 FT A/N:	D952				
SCRUBBER, 68-V-24A, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N:	D953	D1289			
SCRUBBER, 68-V-24B, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N:	D954	D1289			
EJECTOR, 68-EJ-2, NEUTRALIZING DRUM A/N:	D1288	D90			
EJECTOR, 68-EJ-3, LIME ADDITION A/N:	D1289	D953 D954			

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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1333			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 3 : BUTAMER UNIT #69					S4.4, S13.2, S15.5, S15.12, S31.5
VESSEL, BUTANE DRYER, 69-V-1A, HEIGHT: 39 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 308206	D99				
VESSEL, COALESCER, 69-V-2, LENGTH: 10 FT; DIAMETER: 3 FT A/N: 308206	D100				
TANK, FEED, 69-V-3, LENGTH: 22 FT 6 IN; DIAMETER: 8 FT 6 IN A/N:	D101				
TANK, HOLDING, 69-V-4, PERCHLOROETHYLENE, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N:	D102				
REACTOR, 69-V-5A, HEIGHT: 28 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 308206	D103				
VESSEL, SEPARATOR, 69-V-6, HEIGHT: 16 FT; DIAMETER: 5 FT A/N:	D104				
VESSEL, MAKE UP GAS DRIER, 69-V-7A, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N:	D105				

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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
COLUMN, 69-V-8, STABILIZER, IN TWO SECTIONS, HEIGHT: 131 FT 6 IN; DIAMETER: 8 FT 6 IN A/N:	D106				
VESSEL, RECEIVER, STABILIZER, 69-V-9, LENGTH: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D107				
SCRUBBER, STABILIZER GAS, 69-V-10, HEIGHT: 30 FT 6 IN; DIAMETER: 5 FT A/N:	D108				
VESSEL, BUTANE DRIER, 69-V-1 B, HEIGHT: 28 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 308206	D111				
REACTOR, 69-V-5B, HEIGHT: 28 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 308206	D112				
VESSEL, MAKE UP GAS DRIER, 69-V-7B, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N:	D113				
COMPRESSOR, RECYCLE GAS, 69-C-1 A/N:	D557				
COLUMN, DEISOBUTANIZER (DIB), 69-V-11, HEIGHT: 175 FT; DIAMETER: 11 FT 6 IN A/N:	D788				

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
ACCUMULATOR, DIB OVERHEAD, 69-V-12, LENGTH: 31 FT 6 IN; DIAMETER: 10 FT 6 IN A/N:	D789				
EJECTOR, 69-EJ-1, STEAM JET A/N:	D1290				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1334				H23.17
System 5 : ALKYLATION UNIT #68 HEATERS					
HEATER, 68-H-1, REFINERY GAS, 57 MMBTU/HR WITH A/N: 447453 BURNER, 5 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-18M, LOW NOX BURNER, 57 MMBTU/HR	D98		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]**	A63.1, B61.1, B61.2, D90.3, D328.1, H23.5
Process 8 : GAS PRODUCTION					P13.1
System 1 : FCCU GAS PLANT/FRACTIONATION SECTION UNIT 61					S4.7, S13.2, S15.5, S15.12
ACCUMULATOR, MAIN COLUMN, 61-V-6, LENGTH: 25 FT; DIAMETER: 14 FT 2 IN A/N: 291953	D114				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : GAS PRODUCTION					P13.1
COLUMN, HEAVY NAPHTHA STRIPPING, 61-V-20, HEIGHT: 40 FT; DIAMETER: 3 FT 6 IN A/N: 291953	D812				
TANK, SURGE, RAW OIL, 61-V-3, HEIGHT: 35 FT; DIAMETER: 14 FT 2 IN A/N: 291953	D955				
COLUMN, MAIN FRACTIONATION, 61-V-5, HEIGHT: 131 FT 3 IN; DIAMETER: 16 FT A/N: 291953	D956				
COLUMN, LIGHT CYCLE OIL STRIPPER, 61-V-7, HEIGHT: 32 FT; DIAMETER: 5 FT 6 IN A/N: 291953	D957				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291953	D1336			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 2 : FCCU GAS PLANT/CONCENTRATION AND COMPRESSION UNIT 63					S4.7, S13.2, S15.5, S15.12
DRUM, FIRST STAGE SUCTION, 63-V-1, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N: 307086	D116				
VESSEL, RECEIVER, INTERSTAGE, 63-V-2, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 307086	D117				

* (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 8 : GAS PRODUCTION					P13.1
VESSEL, SEPARATOR, HIGH PRESSURE, 63-V-4, LENGTH: 34 FT; DIAMETER: 11 FT A/N: 307086	D118				
COLUMN, DEBUTANIZER, 63-V-8, HEIGHT: 100 FT 9 IN; DIAMETER: 9 FT A/N: 307086	D119				
VESSEL, RECEIVER, DEBUTANIZER, 63-V-9, HEIGHT: 25 FT; DIAMETER: 8 FT A/N: 307086	D120				
REACTOR, SELECTIVE HYDROGENATION UNIT, 63-R-1 A/N: 307086	D823				
TANK, WATER INJECTION, 63-V-3, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 307086	D958				
ABSORBER, PRIMARY, 63-V-12, HEIGHT: 98 FT 8 IN; DIAMETER: 6 FT 6 IN A/N: 307086	D959				
ABSORBER, SPONGE, 63-V-6, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N: 307086	D960				
COLUMN, STRIPPER, 63-V-7, HEIGHT: 81 FT; DIAMETER: 8 FT 6 IN A/N: 307086	D961				

* (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 8 : GAS PRODUCTION					P13.1
COMPRESSOR, 63-C-1, WET GAS, TWO STAGES, 6000 HP, WITH SEALS VENTED TO VAPOR RECOVERY SYSTEM A/N: 307086	D963				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307086	D1337			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 3 : FCCU GAS PLANT/LPG PREFRACTIONATION DRYING SECTION					S4.3, S13.2, S15.5, S15.12, S31.2
COLUMN, DRYING, 63-V-10, HEIGHT: 94 FT 6 IN; DIAMETER: 9 FT 6 IN A/N: 178015	D121				
VESSEL, RECEIVER, DRYING COLUMN, 63-V-11, LENGTH: 21 FT; DIAMETER: 7 FT A/N: 178015	D122				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1338			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 4 : LIGHT ENDS VAPOR RECOVERY UNIT #43					S4.4, S13.2, S15.5, S15.12, S31.5
ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT; DIAMETER: 6 FT A/N:	D123				
COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT; DIAMETER: 5 FT 6 IN A/N:	D124				

* (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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ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : GAS PRODUCTION					P13.1
ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT; DIAMETER: 3 FT A/N:	D965				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N:	D125				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N:	D126				
SCRUBBER, BUTANE CAUSTIC, 43-V-4001, HEIGHT: 30 FT; DIAMETER: 1 FT 6 IN A/N:	D127				
VESSEL, COALESCER, 43-V-4002, HEIGHT: 28 FT; DIAMETER: 5 FT 8 IN A/N:	D128				
KNOCK OUT POT, LIGHT ENDS COMPRESSOR, 43-V-309, HEIGHT: 9 FT; DIAMETER: 3 FT A/N: 304106	D964				
VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT; DIAMETER: 2 FT A/N:	D966				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1339			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : GAS PRODUCTION					P13.1
System 5 : LIGHT ENDS VAPOR RECOVERY UNIT #44					S13.2, S15.3, S15.5, S18.3
ABSORBER, SPONGE, 44-V-4002, HEIGHT: 95 FT; DIAMETER: 6 FT A/N: 304107	D129				
COLUMN, DEBUTANIZER, 44-V-4004, HEIGHT: 85 FT; DIAMETER: 7 FT A/N: 304107	D130				
ACCUMULATOR, DEBUTANIZER OVERHEAD, 44-V-4005, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N: 304107	D131				
COMPRESSOR, LIGHT ENDS, 44-C-4000 A/N: 304107	D558				
EJECTOR, 44-E-4010-EJ1, FIRST STAGE A/N: 304107	D1291				H23.1
EJECTOR, 44-E-4010-EJ2, SECOND STAGE A/N: 304107	D1292				H23.1
EJECTOR, 44-E-4010-EJ3 A/N: 304107	D1293				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 304107	D1340			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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
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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : BLENDING					P13.1
System 1 : GASOLINE BLENDING UNIT					S13.2, S15.5, S15.12
DRUM, EXCESS SAMPLE, 82-V-9, VENTED TO ATMOSPHERE THROUGH VAPOR FILTER, LENGTH: 4 FT 10 IN; DIAMETER: 3 FT A/N: 178019	D133	D967			
TANK, PROTO FUEL MIX, 82-V-10, PRESSURIZED, 6.25 FT; 3 FT A/N: 178019	D134				
TANK, PROTO FUEL MIX, 82-V-11, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019	D135				
TANK, PROTO FUEL MIX, 82-V-12, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019	D136				
TANK, STANBY FUEL, 82-V-13, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019	D137				
TANK, DYE, 82-ME-3-V-1, VENTED TO THE ATMOSPHERE, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019	D138				
TANK, ANTI-OXIDANT, 82-ME-3-V-2, VENTED TO THE ATMOSPHERE, LENGTH: 8 FT 9 IN; DIAMETER: 4 FT A/N: 178019	D139				

* (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 9 : BLENDING					P13.1
TANK, METAL-DEACTIVATOR, 82-ME-3-V-3, VENTED TO THE ATMOSPHERE, LENGTH: 10 FT 6 IN; DIAMETER: 6 FT A/N: 178019	D140				
FILTER, EXCESS SAMPLE DRUM VAPOR, 82-ME-4 A/N: 178019	D967	D133			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178019	D1341				H23.17
Process 10 : TREATING/STRIPPING					P13.1
System 1 : SOUR WATER STRIPPING					S4.6, S13.2, S15.4, S15.5, S15.12
COLUMN, 54-V-1, SOUR WATER STRIPPING, HEIGHT: 90 FT; DIAMETER: 8 FT 6 IN A/N: 291941	D774				
ACCUMULATOR, 54-V-2, STRIPPER OVERHEAD, LENGTH: 13 FT; DIAMETER: 6 FT A/N: 291941	D779	D178 D181			
DRUM, SOUR WATER SURGE, 54-V-3, HEIGHT: 13 FT; DIAMETER: 6 FT A/N: 291941	D1371				
DRAIN SYSTEM COMPONENT A/N: 291941	D1471				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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10 : TREATING/STRIPPING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291941	D1342				H23.16
System 2 : LPG MEROX TREATING UNIT #64					S4.2, S4.3, S13.2, S15.5, S15.12
VESSEL, CAUSTIC PREWASH, 64-V-1, LENGTH: 21 FT; DIAMETER: 5 FT 6 IN A/N: 339038	D152				
VESSEL, EXTRACTOR, 64-V-2, LENGTH: 38 FT; DIAMETER: 4 FT A/N: 339038	D153				
VESSEL, CAUSTIC SETTLER, 64-V-3, LENGTH: 18 FT; DIAMETER: 5 FT A/N: 339038	D154				
TANK, WATER BREAK, 64-V-5, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 339038	D971				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 339038	D1343				H23.17
System 3 : LPG MEROX TREATING UNIT #65					S13.2, S15.5, S15.12
VESSEL, CAUSTIC PREWASH, 65-V-1, LENGTH: 21 FT; DIAMETER: 8 FT A/N: 280989	D155				
VESSEL, EXTRACTOR, 65-V-2, LENGTH: 38 FT; DIAMETER: 6 FT A/N: 280989	D156				

* (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 10 : TREATING/STRIPPING					P13.1
TANK, VENT, 65-V-8, LENGTH: 6 FT; DIAMETER: 1 FT 6 IN A/N: 280989	D157	D36			
VESSEL, SEPARATOR, 65-V-7, LENGTH: 16 FT; DIAMETER: 4 FT A/N: 280989	D158	D36			
VESSEL, CAUSTIC SETTLER, 65-V-3, LENGTH: 24 FT; DIAMETER: 6 FT 6 IN A/N: 280989	D972				
POT, CATALYST ADDITION, 65-V-5, LENGTH: 4 FT; DIAMETER: 2 FT A/N: 280989	D985				
VESSEL, OXIDIZER, 65-V-6, HEIGHT: 20 FT; DIAMETER: 2 FT A/N: 280989	D986	D36			
COLUMN, LPG/DGA CONTACTOR, 65-V-10, HEIGHT: 45 FT; DIAMETER: 6 FT A/N: 280989	D987				
DRUM, WATER WASH, 65-V-12, LENGTH: 35 FT; DIAMETER: 6 FT A/N: 280989	D988				
VESSEL, LEAN DGA FILTER, 65-F-1, HEIGHT: 8 FT; DIAMETER: 3 FT 6 IN A/N: 280989	D989				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280989	D1344				H23.17

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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 10 : TREATING/STRIPPING					P13.1
System 4 : FCC GASOLINE MEROX TREATING UNIT #66					S13.2, S15.5, S15.12
REACTOR, MEROX, 66-V-1, HEIGHT: 23 FT; DIAMETER: 12 FT A/N: 178016	D159				
POT, DRAIN, 66-V-2, LENGTH: 5 FT; DIAMETER: 1 FT 6 IN A/N: 178016	D976				
EJECTOR, 66-EJ-1, ACETIC ACID AND CATALYST A/N: 178016	D1294				H23.1
EJECTOR, 66-EJ-2, STEAM CONDENSATE A/N: 178016	D1295				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178016	D1345			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 5 : SOUR WATER STRIPPING UNIT #48					S13.2, S15.4, S15.5, S15.12
COLUMN, SOUR WATER STRIPPER, 48-V-1, HEIGHT: 88 FT; DIAMETER: 5 FT A/N: 178088	D160			**SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 48-V-2, LENGTH: 8 FT; DIAMETER: 3 FT A/N: 178088	D161				

* (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10 : TREATING/STRIPPING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178088	D1346				H23.17
System 6 : SOUR WATER STRIPPING UNIT #49					S13.2, S15.4, S15.5, S15.12
ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 49-V-2, LENGTH: 8 FT; DIAMETER: 3 FT A/N: 178089	D162				
TANK, FLASH, 49-V-3, SOUR WATER, LENGTH: 9 FT; DIAMETER: 3 FT 6 IN A/N: 178089	D163				
COLUMN, SOUR WATER STRIPPER, 49-V-1, HEIGHT: 87 FT; DIAMETER: 5 FT A/N: 178089	D164			**SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178089	D1347				H23.17
System 7 : SPENT CAUSTIC OXIDATION UNIT					S13.2, S15.5, S15.12
TANK, SPENT CAUSTIC FEED, 83-V-1, FIXED ROOF, 300 BBL; DIAMETER: 10 FT; HEIGHT: 24 FT A/N: 277743	D165				
VESSEL, SPENT CAUSTIC OXIDIZER, 83-V-2, HEIGHT: 34 FT; DIAMETER: 3 FT A/N: 277743	D166	D36			

* (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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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 10 : TREATING/STRIPPING					P13.1
TANK, HOLDING, 83-V-4A, 200 BBL; DIAMETER: 8 FT; HEIGHT: 22 FT 6 IN A/N: 277743	D167				
KNOCK OUT POT, OFF-GAS, 83-V-6, LENGTH: 4 FT; DIAMETER: 1 FT 6 IN A/N: 277743	D168	D36			
TANK, HOLDING, 83-V-4B, 200 BBL; DIAMETER: 8 FT; HEIGHT: 22 FT 6 IN A/N: 277743	D169				
VESSEL, SEPARATOR, 83-V-3, LENGTH: 4 FT; DIAMETER: 1 FT 6 IN A/N: 277743	D973	D36			H23.3
DRUM, LIFT TRAP, 83-V-5, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 277743	D977				H23.3
System 8 : FIELD BUTANE CAUSTIC TREATING					S4.1, S4.2, S13.2, S15.5, S15.12
SCRUBBER, 64-V-6, CAUSTIC TREATING, HEIGHT: 21 FT; DIAMETER: 5 FT 6 IN A/N: 344828	D1280				C1.14
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1348				H23.16
System 10 : AMINE TREATING UNIT # 51					S4.6, S13.2, S15.12, S18.5
SCRUBBER, 51-V-2, HEIGHT: 25 FT; DIAMETER: 4 FT A/N: 291944	D782				

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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
ULTRAMAR INC (NSR USE ONLY)

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 10 : TREATING/STRIPPING					P13.1
KNOCK OUT POT, 51-V-1, SOUR GAS, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 291944	D785				
ABSORBER, 51-V-4, L. P. AMINE, HEIGHT: 65 FT; DIAMETER: 4 FT A/N: 291944	D786				
KNOCK OUT POT, 51-V-5, SWEET GAS, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 291944	D787				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291944	D1363			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	H23.16
DRAIN SYSTEM COMPONENT A/N: 291944	D1472				H23.4
System 11 : AMINE TREATING UNIT # 55					S4.6, S13.2, S15.4, S15.5, S15.12
REGENERATOR, AMINE 55-V-1, HEIGHT: 70 FT; DIAMETER: 8 FT A/N: 312556	D835				E336.3
ACCUMULATOR, AMINE OVERHEAD, 55-V-2, ACID GAS VENTED TO SULFUR PLANT, HEIGHT: 9 FT; DIAMETER: 4 FT A/N: 312556	D837				
VESSEL, CONDENSATE POT, 55-V-3, LENGTH: 9 FT; DIAMETER: 3 FT 6 IN A/N: 312556	D839				

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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 10 : TREATING/STRIPPING					P13.1
VESSEL, CONDENSATE POT, 55-V-4, LENGTH: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 312556	D840				
FILTER, VACCO, 55-F-1, LEAN AMINE, 300 GPM CAPACITY A/N: 312556	D846				
FILTER, CARBON, 55-F-2, LEAN AMINE, 300 GPM CAPACITY A/N: 312556	D847				
ACCUMULATOR, BLACKFLUSH STEAM, 55-V-5 A/N: 312556	D863				
TANK, BACKFLUSH RECOVERY, 55-V-6 A/N: 312556	D1210				
VESSEL, WASTE DECANTER, 55-V-7 A/N: 312556	D1211				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 312556	D1364			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	H23.16
DRAIN SYSTEM COMPONENT A/N: 312556	D1468				H23.4

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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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Process 10 : TREATING/STRIPPING					P13.1
System 12 : AMINE TREATING UNIT # 45					S13.2, S15.4, S15.5, S15.12, S18.4
TANK, SURGE, 45-V-4013, RICH AMINE, LENGTH: 35 FT; DIAMETER: 14 FT 1 IN A/N: 485028	D444				E193.1
SCRUBBER, 45-V-4015, SOUR GAS, HEIGHT: 27 FT; DIAMETER: 3 FT 6 IN A/N: 485028	D445				E193.1
ACCUMULATOR, 45-V-4008, HEIGHT: 10 FT; DIAMETER: 2 FT 6 IN A/N: 485028	D647				
ABSORBER, 45-V-4006, AMINE CONTACTOR, HEIGHT: 65 FT; DIAMETER: 4 FT A/N: 485028	D649				
DRUM, 45-V-4001, SOUR GAS KNOCKOUT, HEIGHT: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 485028	D1251				
REGENERATOR, 45-V-4007, AMINE, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 485028	D1252				E336.3
TANK, FLASH, 45-V-4010, FLASH, RICH AMINE, VENTED TO ACID GAS RELIEF HEADER, HEIGHT: 12 FT; DIAMETER: 4 FT 6 IN A/N: 485028	D1253				

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Process 10 : TREATING/STRIPPING					P13.1
SUMP, 45-SMP-1, AMINE, WIDTH: 10 FT 5 IN; DEPTH: 8 FT; LENGTH: 13 FT 10 IN A/N: 485028	D1254				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 485028	D1367				H23.17
Process 11 : SULFUR PRODUCTION					P13.1
System 1 : SULFUR RECOVERY UNIT TRAIN #1					S13.2, S13.9, S13.10, S15.11, S18.6
CONDENSER, 40-E-01, NO. 1, SULFUR A/N:	D1410				
CONDENSER, 40-E-02, NO. 2, SULFUR A/N:	D1411				
CONDENSER, 40-E-03, NO. 3, SULFUR A/N:	D1412				
CONDENSER, 40-E-04, NO. 4, SULFUR A/N:	D1413			**H2S:** 10 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** **REDUCED S:** 300 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	

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(4) Denotes BACT emission limit
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ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
System 2 : SULFUR RECOVERY UNIT TRAIN #2					S13.2, S13.9, S13.10, S15.11, S18.6
CONDENSER, 40-E-51, NO. 1, SULFUR A/N:	D1414				
CONDENSER, 40-E-52, NO. 2, SULFUR A/N:	D1415				
CONDENSER, 40-E-53, NO. 3, SULFUR A/N:	D1416				
CONDENSER, 40-E-54, NO. 4, SULFUR A/N:	D1417			**H2S:** 10 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** **REDUCED S:** 300 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	
System 6 : LIQUID SULFUR STORAGE					S15.8, S15.13
PIT, 40-TK-01, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N:	D179			**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]**	
PIT, 40-TK-51, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N:	D182	C1260		**H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]**	

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Process 11 : SULFUR PRODUCTION					P13.1
System 7 : SULFUR VCS SERVING STORAGE TANK, PITS AND LOADING RACK					S15.8, S15.13
EJECTOR, 40-EJ-01 A/N:	D849	C1260			H23.1
EJECTOR, 40-EJ-02 A/N:	D850	C1260			H23.1
System 38 : TAIL GAS UNIT 38, REDUCTION CONTROL					S4.5, S13.8, S15.6, S15.8, S18.10
REACTOR, HYDROGENATION, 41-V-03, SRU TRAIN 1, LENGTH: 8 FT; DIAMETER: 8 FT A/N:	D674				
REACTOR, HYDROGENATION, 41-V-53, SRU TRAIN 2, LENGTH: 8 FT; DIAMETER: 8 FT A/N:	D675				
SCRUBBER, 41-V-5, AMINE (IDLE), HEIGHT: 50 FT; DIAMETER: 6 FT A/N:	D142				D90.2
COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N:	D1255				
REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N:	D650				E336.3

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N:	D651				
VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N:	D1256				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1351				H23.16
System 39 : TAIL GAS UNIT 39, REDUCTION CONTROL					S13.8, S15.6, S15.8, S18.10
REACTOR, HYDROGENATION, 41-V-03, SRU TRAIN 1, LENGTH: 8 FT; DIAMETER: 8 FT A/N:	D674				
REACTOR, HYDROGENATION, 41-V-53, SRU TRAIN 2, LENGTH: 8 FT; DIAMETER: 8 FT A/N:	D675				
GENERATOR, REDUCING GAS, 41-H-02, 1ST TRAIN A/N: 255995	D678				
GENERATOR, REDUCING GAS, 41-H-51, 2ND TRAIN A/N: 255995	D679				
ABSORBER, AMINE, 39-V-2, HEIGHT: 42 FT; DIAMETER: 7 FT A/N:	D148			**CO:** 2000 PPMV (5) **[RULE 407,4-2-1982]**	

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
REGENERATOR, AMINE, 39-V-3, HEIGHT: 55 FT; DIAMETER: 5 FT A/N: 176874	D560				
DRUM, AMINE REFLUX, 39-V-5, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 176874	D561				
TANK, SURGE, LEAN AMINE, 39-V-4, HEIGHT: 20 FT; DIAMETER: 5 FT A/N: 176874	D676				
VESSEL, SEPARATOR, ACID GAS, 42-V-408, LENGTH: 7 FT; DIAMETER: 2 FT A/N: 318640	D141				
TOWER, STRIPPER, 42-V-407, HEIGHT: 54 FT 3 IN; DIAMETER: 5 FT A/N: 318640	D143				
ACCUMULATOR, 43-V-409, LENGTH: 19 FT; DIAMETER: 3 FT A/N: 318640	D146				
VESSEL, RECEIVER, CONDENSATE, 42-V-410, HEIGHT: 4 FT 3 IN; DIAMETER: 3 FT A/N: 318640	D969				
TANK, FILTER BACKWASH, 42-TK-400, HEIGHT: 3 FT 9 IN; DIAMETER: 3 FT A/N: 318640	D970				

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Process 11 : SULFUR PRODUCTION					P13.1
VESSEL, 39-V-6, CONDENSATE DRUM, HEIGHT: 13 FT; DIAMETER: 2 FT A/N: 318640	D1285				
FILTER, 39-V-7, BACKFLUSH A/N: 318640	D1286				
TANK, 39-TK-1, AMINE, HEIGHT: 13 FT 6 IN; DIAMETER: 12 FT A/N: 318640	D1282				
TANK, 39-TK-2, AMINE RUNDOWN, HEIGHT: 18 FT 6 IN; DIAMETER: 12 FT A/N: 318640	D1283				
TANK, 39-TK-3, AMINE SUMP, HEIGHT: 7 FT; DIAMETER: 6 FT A/N: 318640	D1284				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 176874	D1352				H23.17
Process 12 : LOADING/UNLOADING					P13.1
System 1 : CRUDE AND GAS OIL TANK TRUCK UNLOADING					
UNLOADING ARM, BOTTOM, TANK TRUCK, TWO BOTTOM UNLOADING FLEXIBLE HOSES, CRUDE OIL, DIAMETER: 4 IN A/N: 178039	D185				H23.29

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(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 12 : LOADING/UNLOADING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178039	D1623				H23.17
System 2 : LPG TANK TRUCK LOADING AND UNLOADING - PHASE I					
LOADING AND UNLOADING ARM, BOTTOM, TANK TRUCK, BUTANE, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN, 3 TOTAL; DIAMETER: 4 IN A/N: 178041	D186				E144.1
UNLOADING ARM, BOTTOM, TANK TRUCK, PROPANE, ONE POSITION, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 1 TOTAL; DIAMETER: 3 IN A/N: 178041	D187				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178041	D1624				H23.17
System 3 : LPG TANK TRUCK LOADING/UNLOADING - PHASE II					
LOADING ARM, BOTTOM, TANK TRUCK, 53-ME-3A/B, LIQUIFIED PETROLEUM GAS, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 2 TOTAL; DIAMETER: 3 IN A/N: 178042	D190				E144.1

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(4) Denotes BACT emission limit
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(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 12 : LOADING/UNLOADING					P13.1
UNLOADING ARM, TANK TRUCK, 53-ME-4 A/B, BUTANE, WITH QUICK SHUT OFF VALVES AND VAPOR RETURN LINES, 2 TOTAL; DIAMETER: 3 IN A/N: 178042	D191				E144.1
DRUM, 53-V-3A, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, LENGTH: 6 FT; DIAMETER: 3 FT A/N: 178042	D192				
DRUM, 53-V-3B, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 178042	D195				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178042	D1625				H23.17
System 4 : TANK TRUCK BULK LOADING					
LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N: 391840	D196	D198			C1.28, D90.12
LOADING ARM, BOTTOM, TANK TRUCK, IDLED, GASOLINE, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N:	D197	D198		**HAP:** (10) [**40CFR 63 Subpart CC, #6,5-25-2001**] ; **VOC:** 0.08 LBS/1000 GAL (5) [**RULE 462,5-14-1999**]	C1.11, D90.12, H23.19

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12 : LOADING/UNLOADING					P13.1
TANK, VAPOR RECOVERY DROP OUT, 53-V-2, WIDTH: 4 FT; HEIGHT: 6 FT; LENGTH: 5 FT A/N:	D198	D196 D197 C1029			
SUMP, 94-SMP-1, CRUDE TANK DRAW OFF, WASTE WATER, COVERED, WIDTH: 10 FT; DEPTH: 10 FT; LENGTH: 10 FT A/N:	D199			**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) [**40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	H23.25
LOADING ARM, TANK TRUCK, TOP, 53-ME-2 A/B, DECANT OIL, 2 TOTAL; DIAMETER: 4 IN A/N: 391840	D547				C1.28, D90.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1626				H23.17
System 5 : SULFUR TANK TRUCK AND TANK CAR LOADING					
LOADING ARM, SULFUR, DOUBLE PIPE JACKETED ARM, WITH VAPOR RETURN LINE, WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N:	D200			**SOX:** 500 PPMV (5) [**RULE 407,4-2-1982]**	

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(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 13 : OIL/WATER SEPARATION					
System 1 : WASTE WATER TREATMENT SYSTEM					S4.3, S13.7, S15.5, S15.12
SUMP, DIVERSION BOX, FIXED COVER, 95-SMP-1, WIDTH: 21 FT 6 IN; DEPTH: 12 FT; HEIGHT: 34 FT A/N:	D201			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001A, FIXED COVER A/N:	D209	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002 A, FIXED COVER A/N:	D210			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
HOPPER, 95-ME-9004, FIXED COVER, SLUDGE A/N:	D212	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001B, FIXED COVER A/N:	D214			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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Process 13 : OIL/WATER SEPARATION					
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002B, FIXED COVER A/N:	D215			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
CENTRIFUGE, 95-ME-9003B, HORIZONTAL DECANTER, 200 GPM A/N: 176872	D216				
TANK, DESANDER, 95-TK-9021A, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N:	D881	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
TANK, DESANDER, 95-TK-9021B, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N:	D882	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
SUMP, 83-SMP-3, CRUDE TANK DRAW-OFF, FIXED COVER, 13800 GALS; WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N:	D999			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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Process 13 : OIL/WATER SEPARATION					
TANK, 95-TK-9018, PPI SLUDGE BLOWDOWN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, 240 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N:	D1000	D1235		**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	
CONVEYOR, SCREW, SLUDGE AUGUR, 2HP A/N:	D1001				
MIXER, 95-ME-9004MX, SLUDGE A/N:	D1002				
System 2 : WASTE WATER SEPARATION AND STORAGE					
STORAGE TANK, FIXED ROOF, 21-TK-1000, WASTE WATER, WITH AN OIL SKIMMER; VENTED TO CARBON ADSORPTION SYSTEM, 150000 BBL; DIAMETER: 150 FT; HEIGHT: 48 FT A/N: 422926	D253	C1207		**BENZENE:** 24 PPMV (6) [*RULE 1401,5-2-2003*] ; **BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) [**40CFR 63 Subpart CC, #2,5-25-2001]** **VOC:** 500 PPMV (8) [**40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003]**	H23.13, K67.6
CARBON ADSORBER, TWO IN SERIES, EACH CONTAINING 6,600 LBS OF ACTIVATED CARBON A/N: 422926	C1207	D253			D90.5, E128.1, E153.2, K67.9
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422926	D1354				H23.17

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Process 14 : STORAGE TANKS					P13.1
System 1 : FIXED ROOF TANKS					S13.5
STORAGE TANK, FIXED ROOF, 81-TK-1, 25000 BBL; DIAMETER: 64 FT; HEIGHT: 45 FT A/N: 190799	D217			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.3, C1.1, D90.10, H23.6
STORAGE TANK, FIXED ROOF, 81-TK-4, 25000 BBL; DIAMETER: 64 FT; HEIGHT: 48 FT A/N: 190797	D218			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.3, C1.1, D90.10, H23.6
STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909A, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 178078	D219	D1236		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6
STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909B, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 178079	D220	D1236		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6
STORAGE TANK, FIXED ROOF, 48-TK-1, 20000 BBL; DIAMETER: 50 FT; HEIGHT: 58 FT A/N: 178081	D221	D1236			B22.1, C1.24, D90.10, H23.12
STORAGE TANK, FIXED ROOF, 95-TK-1, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178082	D222	D1239		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6

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Process 14 : STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, 95-TK-950, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178083	D223	D1239		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6
STORAGE TANK, FIXED ROOF, 95-TK-952, WET SLOP OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178084	D224	D1239		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6
STORAGE TANK, FIXED ROOF, SC-631, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 8 IN A/N: 207314	D234				K67.6
STORAGE TANK, FIXED ROOF, SC-803, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 350 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 4 FT 6 IN A/N: 207327	D245				K67.6
STORAGE TANK, FIXED ROOF, 91-P-915-TK-1, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 7 FT A/N: 207348	D251				

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Process 14 : STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, 83-TK-5, VENTED TO VAPOR RECOVERY, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 30 FT A/N: 178080	D252	D1236		**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003**] ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003**]	B22.7, C1.23, D90.10, D90.12, H23.12, H23.25
STORAGE TANK, FIXED ROOF, 70-TK-1, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 550 GALS; DIAMETER: 3 FT 8 IN; HEIGHT: 7 FT A/N: 207311	D279				K67.6
STORAGE TANK, FIXED ROOF, ANTI-FOAM DILLUTION, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 5 FT 6 IN A/N: 207330	D283				K67.6
STORAGE TANK, FIXED ROOF, SC-615, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 207326	D974				K67.6
STORAGE TANK, FIXED ROOF, SC-607, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1000 GALS; DIAMETER: 6 FT; LENGTH: 19 FT A/N: 207331	D975				K67.6

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Process 14 : STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, SC-605, 3000 GALS; DIAMETER: 7 FT; LENGTH: 10 FT 6 IN A/N: 207322	D979				K67.6
STORAGE TANK, FIXED ROOF, SC-604, DIOXYLATED PHENOLIC RESIN, 2000 GALS; DIAMETER: 5 FT; LENGTH: 12 FT A/N: 207324	D980				K67.6
STORAGE TANK, FIXED ROOF, 91-TK-9009, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1800 GALS; DIAMETER: 5 FT; LENGTH: 12 FT A/N: 207349	D981				K67.6
STORAGE TANK, FIXED ROOF, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 1 IN A/N: 244612	D982				K67.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 244612	D1355				H23.17
System 2 : EXTERNAL FLOATING ROOF TANKS					S13.5
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9001, CRUDE OIL, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT; HEIGHT: 48 FT WITH A/N: 271656	D255			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.2, H23.7

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Process 14 : STORAGE TANKS					P13.1
FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE, TUBE TYPE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9002, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT; HEIGHT: 48 FT WITH A/N: 262831 FLOATING ROOF, PONTOON PRIMARY SEAL, FLEX-A-SEAL SECONDARY SEAL, FLEX-A-SEAL	D256			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.7, C1.2, D90.10, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9003, DIESEL FUEL, CRUDE OIL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 451528 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE	D257			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.38, H23.7

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Process 14 : STORAGE TANKS					P13.1
SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9004, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, CRUDE OIL, GASOLINE, DIESEL FUEL, WELDED TANK SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT 6 IN WITH A/N: 316377 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D258			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.9, D90.11, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9005, 150000 BBL; DIAMETER: 156 FT; HEIGHT: 48 FT WITH A/N: 190793 FLOATING ROOF, PONTOON	D259			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.2, D90.10, H23.7, K67.6

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Process 14 : STORAGE TANKS					P13.1
PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9006, 150000 BBL; DIAMETER: 156 FT; HEIGHT: 48 FT WITH A/N: 190792 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D260			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.4, C1.3, D90.10, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9007, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 201 FT 6 IN; HEIGHT: 48 FT WITH A/N: 483995 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED	D261			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.9, C1.40, H23.7, I30.1

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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 14 : STORAGE TANKS					P13.1
SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9008, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 289211 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, RIM MOUNTED	D262			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	B22.8, C1.20, D90.10, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9009, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 210 FT 6 IN; HEIGHT: 48 FT WITH A/N: 229846 FLOATING ROOF, PONTOON	D263			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.21, H23.7

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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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Process 14 : STORAGE TANKS					P13.1
PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9010, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190796 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D264			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.5, C1.4, D90.10, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9011, JET FUEL (JPA), FCC GASOLINE BLEND, WELDED SHELL, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 449917 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE	D265			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.22, H23.7

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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 14 : STORAGE TANKS					P13.1
SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9012, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, GASOLINE, CRUDE OIL, DIESEL FUEL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 315757 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, WIPER TYPE, RIM MOUNTED	D266			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	C1.5, D90.11, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-2, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D269			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.12, H23.6

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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 14 : STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-4, 50000 BBL; DIAMETER: 91 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D271			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	B22.7, C1.18, D90.10, H23.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-7, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 32 FT WITH A/N: 178067 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D272			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.7, C1.19, D90.10, H23.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-8, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 32 FT WITH A/N: 241253 FLOATING ROOF, PONTOON	D273			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.7, C1.19, D90.10, H23.6

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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 14 : STORAGE TANKS					P13.1
PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, 81-TK-3, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190798 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D274			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B22.2, D90.10, H23.6, K67.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-901, SLOP OIL, 20000 BBL; DIAMETER: 57 FT; HEIGHT: 47 FT WITH A/N: 178065 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D276			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25, K67.6

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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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Process 14 : STORAGE TANKS					P13.1
STORAGE TANK, 94-TK-902, 20000 BBL; DIAMETER: 54 FT; HEIGHT: 52 FT 5 IN WITH A/N: 178062 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE	D277			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	K67.6
STORAGE TANK, 94-TK-903, 35000 BBL; DIAMETER: 71 FT; HEIGHT: 52 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D278			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	K67.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-9, RAFFINATE, MTBE, ALKYLATE, GASOLINE, 100000 BBL; DIAMETER: 130 FT 6 IN; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK	D448			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.29, C1.30, H23.11

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(6) Denotes air toxic control rule limit
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Process 14 : STORAGE TANKS					P13.1
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9030, GASOLINE, CRUDE, GAS OIL, NAPHTHA, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D864			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.8, D90.11, H23.11
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9031, GASOLINE, CRUDE, GAS OIL, NAPHTHA, WELDED TANK SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N:	D868			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.8, D90.11, H23.11

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Process 14 : STORAGE TANKS					P13.1
FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
System 3 : PRESSURE TANKS, LPG STORAGE					
STORAGE TANK, PRESSURIZED, 82-V-1, PROPANE, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190788	D288	C400			
STORAGE TANK, PRESSURIZED, 82-V-2, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190786	D289	C400			
STORAGE TANK, PRESSURIZED, 82-V-3, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190787	D290	C400			
STORAGE TANK, PRESSURIZED, 82-V-4, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190785	D291	C400			

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Process 14 : STORAGE TANKS					P13.1
STORAGE TANK, PRESSURIZED, 82-V-5, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190784	D292	C400			
STORAGE TANK, PRESSURIZED, 82-V-14, PROPANE, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190789	D293	C400			
STORAGE TANK, PRESSURIZED, 82-V-15, NATURAL GAS, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190790	D294	C400			
STORAGE TANK, PRESSURIZED, 94-V-500, PROPANE, 42000 GALS; DIAMETER: 10 FT; LENGTH: 74 FT 10 IN A/N: 190791	D295				
STORAGE TANK, PRESSURIZED, 94-V-501, 42000 GALS; DIAMETER: 10 FT; HEIGHT: 74 FT 10 IN A/N: 190783	D296				

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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
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Process 14 : STORAGE TANKS					P13.1
System 4 : MOBILE TANKS					
STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-7, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307864	D307	C308		**BENZENE:** 15 PPMV (6) [*RULE 1401,3-4-2005*] ; **BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003**] ; **H2S:** 10 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996** *RULE 1303(a)(1)-BACT,12-6-2002*] ; **HAP:** (10) [**40CFR 63 Subpart CC, #2,5-25-2001**] ; **VOC:** 500 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996** *RULE 1303(a)(1)-BACT,12-6-2002*] ; **VOC:** 500 PPMV (8) [**40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003**]	B22.6, C1.6, D90.10, H23.14, H23.25
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864	C308	D307 C612			D90.1, E153.1
STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-8, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307863	D309	C310		**BENZENE:** 15 PPMV (6) [*RULE 1401,3-4-2005*] ; **BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003**] ; **H2S:** 10 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996**	B22.6, C1.6, D90.10, H23.14, H23.25

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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 14 : STORAGE TANKS					P13.1
				RULE 1303(a)(1)-BACT,12-6-2002] ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996** *RULE 1303(a)(1)-BACT,12-6-2002]* ; **VOC:** 500 PPMV (8) **[40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003]**	
CARBON ADSORBER, 55 GAL CANISTER, CONTAING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863	C310	D309 C613			D90.1, E153.1
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864	C612	C308			D90.1, E153.1
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863	C613	C310			D90.1, E153.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307864	D1357				H23.17
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307863	D1358			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

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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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Process 14 : STORAGE TANKS					P13.1
System 5 : PRESSURE TANKS, BUTANE STORAGE					S4.4, S13.4, S15.12, S31.5
STORAGE TANK, PRESSURIZED, 81-V-5, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190780	D284				
STORAGE TANK, PRESSURIZED, 81-V-6, BUTANE, 168000 GALS; DIAMETER: 36 FT 3 IN A/N: 190779	D285				
STORAGE TANK, PRESSURIZED, 81-V-7, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190778	D286				
STORAGE TANK, PRESSURIZED, 81-V-8, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190782	D287				
STORAGE TANK, PRESSURIZED, 81-V-3, BUTANE, SPHERICAL, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190781	D978				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 190781	D1442				H23.17

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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 14 : STORAGE TANKS					P13.1
System 6 : PRESSURE TANKS, OTHER					S15.12
STORAGE TANK, PRESSURIZED, 33-V-1, AQUEOUS AMMONIA, 9000 GALS; DIAMETER: 9 FT; HEIGHT: 19 FT A/N: 281825	D449				E144.1
System 7 : INTERNAL FLOATING ROOF TANKS					S13.5, S31.6
STORAGE TANK, INTERNAL FLOATING ROOF, 82-TK-11, 150000 BBL; DIAMETER: 150 FT; HEIGHT: 58 FT WITH A/N: 411695 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED FLEX-A-SEAL SINGLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D1460			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	B59.1, C1.32, C6.1, H23.11, K67.7

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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
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 14 : STORAGE TANKS					P13.1
System 9 : DOMED EXTERNAL FLOATING ROOF TANKS					S13.12
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9013, WELDED SHELL, 30000 BBL; DIAMETER: 70 FT; HEIGHT: 48 FT WITH A/N: 450311 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM-MOUNTED DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D267			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	B59.2, C1.7, H23.11
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-1, RAFFINATE, ALKYLATE, GASOLINE, MTBE, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 430942 DOME COVER, GEODESIC	D268			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.12, H23.6

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
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Process 14 : STORAGE TANKS					P13.1
FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-3, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450310 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D270			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.12, H23.6

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(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
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Process 14 : STORAGE TANKS					P13.1
GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-900, WELDED SHELL, 55000 BBL; DIAMETER: 98 FT; HEIGHT: 44 FT 8 IN WITH A/N: 450309 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D275			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	H23.6, K67.6

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(4) Denotes BACT emission limit
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Process 15 : STEAM GENERATION					
System 1 : BOILER					
BOILER, 86-B-9000, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 329705 BURNER, REFINERY GAS, ZURN, MODEL MJ-21, ONE BURNER, 39 MMBTU/HR	D377		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5A) [**RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) [**RULE 1146,11-17-2000;***RULE 1146,9-5-2008*] ; **NOX:** 125 PPMV (3) [**RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) [**RULE 409,8-7-1981]**	B61.2, D28.11, D90.3, H23.5
System 2 : BOILER					
BOILER, 86-B-9001, REFINERY GAS, 127.8 MMBTU/HR A/N: 177991	D378	C379	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [**RULE 407,4-2-1982]** ; **PM:** 0.01 GRAINS/SCF (5B) [**RULE 476,10-8-1976]** ; **PM:** 0.1 GRAINS/SCF (5) [**RULE 409,8-7-1981]** **PM:** 11 LBS/HR (5A) [**RULE 476,10-8-1976]**	A327.1, B61.2, D90.3, D328.1, H23.5
SELECTIVE CATALYTIC REDUCTION, UOP/SHELL, MODEL #SFGT-N, WITH 200 HP BLOWER A/N: 177992	C379	D378		**NH3:** 20 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002*]	D28.13

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17 : AIR POLLUTION CONTROL					
System 1 : VAPOR RECOVERY UNIT					S4.8, S15.6, S18.2
KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT; DIAMETER: 6 FT A/N:	D398				
COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N:	D548				
COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N:	D549				
VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N:	D396				
EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N:	D1299				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D872				H23.17
System 2 : LPG EMERGENCY FLARE UNIT					S18.9
KNOCK OUT POT, FLARE, 82-V-16, HEIGHT: 16 FT; DIAMETER: 8 FT A/N: 182240	D399				

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Process 17 : AIR POLLUTION CONTROL					
FLARE, 82-FT-1, JOHN ZINK, MODEL EEF-LH-915-23, LPG EMERGENCY, AIR ASSISTED, HEIGHT: 76 FT; DIAMETER: 8 FT A/N: 182240	C400	D288 D289 D290 D291 D292 D293 D294		**H2S:** 160 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]**	D12.8, D323.2, E193.2, H23.5, H23.30
System 3 : REFINERY RELIEF AND PHASE 0 FLARE UNIT					S18.8
FLARE, ELEVATED WITH STEAM INJECTION, 89-FT-900, PHASE 0, CALLIDUS, MODEL BTZ-US-24,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-24, 18 STEAM JETS, DIAMETER: 2 FT A/N: 420477	C401				C1.13, D12.8, D323.2, E193.2, H23.30, I1.1
DRUM, 89-V-9006, PHASE 0 FLARE WATER SEAL, LENGTH: 12 FT; DIAMETER: 7 FT A/N: 420477	D405				
DRUM, LIQUID BLOWDOWN, 89-V-9004, LENGTH: 16 FT; DIAMETER: 8 FT A/N: 420477	D407				
DRUM, LIQUID BLOWDOWN, 75-V-3, LENGTH: 20 FT; DIAMETER: 10 FT A/N: 420477	D408	D42			
System 4 : ACID GAS FLARE UNIT					
KNOCK OUT POT, FLARE, 40-V-06, LENGTH: 8 FT; DIAMETER: 3 FT 8 IN A/N: 178004	D409				

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Process 17 : AIR POLLUTION CONTROL					
System 10 : GASOLINE TANK TRUCK LOADING VAPOR RECOVERY SYSTEM					
CARBON ADSORBER, CARBON ADSORPTION, 53-ME-12-V-1A&B, WITH PRV VENTED TO ATMOSPHERE, HEIGHT: 6 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 286678	C1029	D198			D12.3, D232.1
VESSEL, SEPARATOR, 53-ME-12-V-2, HEIGHT: 8 FT; DIAMETER: 2 FT A/N: 286678	D1030				
ABSORBER, 53-ME-12-V-3, HEIGHT: 17 FT; DIAMETER: 2 FT 2 IN A/N: 286678	D1031				
PUMP, 53-ME-12-P-3, VACUUM, WITH PACKED SEAL AND 40 HP MOTOR A/N: 286678	D1035				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 286678	D1365			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 11 : VAPOR RECOVERY SYSTEM SERVING WASTEWATER SYSTEM					S18.1
POT, 95-V-9001, VAPOR RECOVERY DRAIN, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 331526	D1237				

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Process 17 : AIR POLLUTION CONTROL					
EJECTOR, 95-EJ-1A, STEAM, SIZE: 3" A/N: 331526	D1235	D1 D201 D209 D212 D213 D214 D404 D881 D882 D1000 D1240 D1241			
EJECTOR, 95-EJ-1B, STEAM, SIZE: 3" A/N: 331526	D1236	D201 D219 D220 D221 D252 D404			
POT, 95-V-9002, VAPOR RECOVERY DRAIN, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 331526	D1238				
EJECTOR, 89-EJ-1, STEAM, SIZE: 3" A/N: 331526	D1239	D222 D223 D224 D404			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 331526	D1366			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 13 : REFINERY RELIEF AND PHASE II FLARE UNIT					S18.8
FLARE, ELEVATED WITH STEAM INJECTION, PHASE II, 75-FT-1, CALLIDUS, MODEL BTZ-US-30,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS,, DIAMETER: 2 FT 6 IN A/N: 420477	C403			**H2S:** 160 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]**	C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1

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Process 17 : AIR POLLUTION CONTROL					
DRUM, 75-V-1, PHASE II FLARE WATER SEAL, LENGTH: 30 FT; DIAMETER: 12 FT A/N: 420477	D406				
System 14 : REFINERY RELIEF AND PHASE I FLARE UNIT					S18.8
FLARE, ELEVATED WITH STEAM INJECTION, PHASE I, 89-FT-9000, CALLIDUS, MODEL BTZ-US-30,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS,, DIAMETER: 2 FT 6 IN A/N: 420477	C402			**H2S:** 160 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]**	C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1
DRUM, 89-V-9002, PHASE I FLARE WATER SEAL, LENGTH: 32 FT; DIAMETER: 11 FT A/N: 420477	D404	D1235 D1236 D1239			
System 46 : AMINE REGENERATION UNIT 46					S13.2, S15.4, S15.12
REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N:	D650				E336.3
TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N:	D651				
COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N:	D1255				

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Process 17 : AIR POLLUTION CONTROL					
VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N:	D1256				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1368				H23.17
System 50 : PHASE II AMINE TREATING UNIT 50					S13.2, S15.5, S15.12
ABSORBER, 50-V-1, AMINE, HEIGHT: 65 FT; DIAMETER: 3 FT A/N: 178020	D151				
SCRUBBER, 50-V-3, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 178020	D174				
ABSORBER, 50-ME-1-V-1, GLYCOL, HEIGHT: 13 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 178020	D175				
VESSEL, SEPARATOR, 50-ME-1-V-4, THREE PHASE, HEIGHT: 5 FT; DIAMETER: 1 FT 8 IN A/N: 178020	D176				
SCRUBBER, 50-V-6, HEIGHT: 27 FT; DIAMETER: 3 FT A/N: 178020	D563				
COLUMN, 50-ME-1-V-2, STILL REFLUX, HEIGHT: 8 FT; DIAMETER: 1 FT 2 IN A/N: 178020	D1300				

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Process 17 : AIR POLLUTION CONTROL					
DRUM, 50-ME-1-V-3, GLYCOL SURGE DRUM, HEIGHT: 24 FT; DIAMETER: 2 FT A/N: 178020	D1301				
DRUM, 50-V-2, FUEL GAS KNOCKOUT, HEIGHT: 9 FT; DIAMETER: 3 FT A/N: 178087	D1302				
DRUM, 50-V-4, CAUSTIC KNOCKOUT, HEIGHT: 8 FT; DIAMETER: 2 FT A/N: 178020	D1303				
SUMP, 50-SMP-1, AMINE, WIDTH: 8 FT; DEPTH: 12 FT; LENGTH: 8 FT A/N: 178087	D1304				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178020	D1369				H23.17
System 88 : FUEL GAS MIXING					S15.12
KNOCK OUT POT, 88-V-903, FUEL GAS, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 423247	D1406				
SCRUBBER, 88-V--9003, CAUSTIC, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: 423247	D1407				
DRUM, 88-V-9015, FUEL GAS MIXING, HEIGHT: 10 FT; DIAMETER: 7 FT A/N: 423247	D1408				

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Process 17 : AIR POLLUTION CONTROL					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 423247	D1418				H23.17
System 97 : AMINE TREATING UNIT 97					S13.2, S15.5, S15.12, S18.4
REGENERATOR, AMINE, 97-V-406, HEIGHT: 60 FT; DIAMETER: 2 FT 6 IN A/N: 256881	D170				
KNOCK OUT POT, 97-V-414, AMINE STRIPPER, HEIGHT: 5 FT 6 IN; DIAMETER: 2 FT A/N: 256881	D1296				
SCRUBBER, 97-V-4, FLARE GAS, HEIGHT: 27 FT; DIAMETER: 4 FT 1 IN A/N: 256881	D1297				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 256881	D1370				H23.17
Process 19 : PETROLEUM MISCELLANEOUS					
System 1 : FUEL DISPENSING STATION					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, TWO, GASOLINE A/N:	D983			**ROG:** (9) [*RULE 461, Balance Conditions,1-9-2004;RULE 461, Universal Conditions,3-7-2008*]	D330.1
FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, TWO, DIESEL FUEL A/N:	D984				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : PETROLEUM MISCELLANEOUS					
STORAGE TANK, UNDERGROUND, DUAL COMPARTMENT, DIESEL, 8000 GALS, GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM PHIL-TITE (VR-101-D), 12000 GALS A/N:	D990			**ROG:** (9) [*RULE 461, Phase I EVR Conditions,1-9-2004;RULE 461, Universal Conditions,3-7-2008*]	C1.36, C1.37
System 2 : EMERGENCY EQUIPMENT					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3512B-DITA, WITH AFTERCOOLER, TURBOCHARGER, 1807 BHP A/N: 375761	D1305		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**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** *RULE 1303(a)(1)-BACT,12-6-2002*]	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LEAN BURN, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, WITH AFTERCOOLER, TURBOCHARGER, 755 BHP A/N: 487438	D1639		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO:** 2.6 GRAM/BHP-HR (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002*] ; **NOX:** 216 LBS/1000 GAL DIESEL (1) [**RULE 2012,5-6-2005]** **NOX + ROG:** 4.8 GRAM/BHP-HR (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002;***RULE 2005,5-6-2005]** ; **PM:** 0.15 GRAM/BHP-HR (4) [**RULE 1303(a)(1)-BACT,5-10-1996**	B61.3, C1.41, E193.7, H23.31, I30.1, I296.1

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : PETROLEUM MISCELLANEOUS					
				RULE 1303(a)(1)-BACT,12-6-2002] ; **PM:** (9) [**RULE 404,2-7-1986**] ; **SOX:** 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011,5-6-2005**]	
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, MOBILE, DIESEL FUEL, 250 HP A/N: 289099	D992		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 10.825 LBS/HR (2) [**RULE 2012,5-6-2005**] ; **PM:** (9) [**RULE 404,2-7-1986**] ; **SOX:** 0.72 LBS/HR (2) [**RULE 2011,5-6-2005**]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008A, DIESEL FUEL, 380 HP A/N: 289097	D993		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 16.45 LBS/HR (2) [**RULE 2012,5-6-2005**] ; **PM:** (9) [**RULE 404,2-7-1986**] ; **SOX:** 1.095 LBS/HR (2) [**RULE 2011,5-6-2005**]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008B, DIESEL FUEL, 380 HP A/N: 289096	D994		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 16.45 LBS/HR (2) [**RULE 2012,5-6-2005**] ; **PM:** (9) [**RULE 404,2-7-1986**] ; **SOX:** 1.095 LBS/HR (2) [**RULE 2011,5-6-2005**]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-915, DIESEL FUEL, 180 HP A/N: 289094	D995		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 7.795 LBS/HR (2) [**RULE 2012,5-6-2005**] ; **PM:** (9) [**RULE 404,2-7-1986**] ; **SOX:** 0.52 LBS/HR (2) [**RULE 2011,5-6-2005**]	B61.3, C1.17, D12.2, H23.26, 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
(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
ULTRAMAR INC (NSR USE ONLY)

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 : PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001A, DIESEL FUEL, 510 HP A/N: 289092	D996		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 22.08 LBS/HR (2) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 1.47 LBS/HR (2) **[RULE 2011,5-6-2005]**	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001B, DIESEL FUEL, 510 HP A/N: 289090	D997		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 22.08 LBS/HR (2) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 1.47 LBS/HR (2) **[RULE 2011,5-6-2005]**	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916A, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305900	D1021		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 14.911 LBS/HR (2) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 0.195 LBS/HR (2) **[RULE 2011,5-6-2005]**	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916B, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305901	D1022		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 14.911 LBS/HR (2) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 0.195 LBS/HR (2) **[RULE 2011,5-6-2005]**	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, WITH AFTERCOOLER, TURBOCHARGER, 474 BHP A/N: 307737	D1259		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX:** 9.08 LBS/HR (2) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 0.191 LBS/HR (2) **[RULE 2011,5-6-2005]**	B61.3, C1.17, D12.2, D135.1, H23.26, 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
(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
ULTRAMAR INC (NSR USE ONLY)

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 : PETROLEUM MISCELLANEOUS					
System 3 : AMMONIA VAPORIZATION					
VESSEL, VAPORIZER, 88-E-1A/B A/N: 289088	D1009				K67.5
STORAGE TANK, 88-V-9004, ANHYDROUS AMMONIA, 10000 GALS; DIAMETER: 8 FT; LENGTH: 22 FT 6 IN A/N: 289088	D998				
System 4 : ABRASIVE BLASTING EQUIPMENT					
ABRASIVE BLASTING, CABINET, MEDIA BLAST AND ABRASIVES, MODEL N200 SIZE 6060, WITH INTEGRAL DUST COLLECTOR, ALUMINUM OXIDE, WITH TWO FILTER CARTRIDGE (440 SQ FT TOTAL FILTER AREA), WIDTH: 5 FT; HEIGHT: 4 FT; LENGTH: 5 FT WITH A/N: 420480 ABRASIVE BLASTING NOZZLE, ONE NOZZLE, DIAMETER: 0.375 IN; 80 PSIA BLOWER, 1160 CU.FT./MIN; 2 HP	D1477			**PM:** (9) **[RULE 1140,2-1-1980;***RULE 1140,8-2-1985;***RULE 404,2-7-1986;RULE 405,2-7-1986]**	B27.1, C1.34, C6.2, C6.3, D322.2, D381.1, E102.2, H23.23, K67.8
Process 21 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E1386				H23.8

* (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

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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 21 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E1387			**VOC:** (9) [**RULE 1171,11-7-2003;***RULE 1171,2-1-2008*]	H23.21
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E1388				H23.9
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E1389				H23.20
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < = 53 FT3, WITH DUST FILTER	E1391			**PM:** (9) [**RULE 1140,2-1-1980;***RULE 1140,8-2-1985;***RULE 404,2-7-1986;RULE 405,2-7-1986]**	D322.1, D381.1, E102.1, K67.8
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E1394			**VOC:** (9) [**RULE 1113,11-8-1996;***RULE 1113,7-13-2007;***RULE 1171,11-7-2003;***RULE 1171,2-1-2008*]	K67.4
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E1396				H23.10

* (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
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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
ULTRAMAR INC (NSR USE ONLY)

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1	1	1	1
D3	2	1	2
D4	2	1	3
D6	3	1	4
D7	3	1	5
D8	4	1	6
D9	5	1	6
D10	5	2	1
D11	5	2	1
D12	6	2	2
C13	7	2	2
D14	7	2	3
D15	7	2	3
D16	7	2	3
D17	7	2	3
D18	7	2	3
D21	8	2	5
D22	8	2	4
D23	8	2	6
D24	9	2	6
D25	9	2	6
D26	9	2	6
D27	9	2	6
D28	9	2	6
D29	9	2	6
D30	9	2	6
D31	10	2	6
D35	10	3	1
D36	11	3	1
D37	11	3	1
D38	12	3	2
C39	12	3	3
D40	12	3	4
D41	12	3	4
D42	13	3	4
D43	13	4	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D44	13	4	1
D45	15	4	1
D46	14	4	1
D47	14	4	1
D48	14	4	1
D49	14	4	1
D50	15	4	1
D51	14	4	1
D52	16	4	2
D53	16	4	2
D54	16	4	3
D55	17	4	3
D56	17	4	3
D57	17	4	3
D58	17	4	3
D59	18	4	4
D60	18	4	4
D61	23	4	7
D62	26	5	1
D65	27	5	1
D66	27	5	1
D68	27	5	1
D69	27	5	1
D70	27	5	1
D71	27	5	1
D72	27	5	1
D73	30	5	2
D74	31	5	2
D75	32	7	1
D76	32	7	1
D77	32	7	1
D78	32	7	1
D79	32	7	1
D80	32	7	1
D81	32	7	1
D82	32	7	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D83	33	7	1
D84	33	7	1
D85	33	7	1
D86	33	7	1
D87	33	7	1
D88	33	7	1
D89	35	7	1
D90	35	7	1
D91	33	7	1
D95	33	7	1
D96	34	7	1
D97	34	7	1
D98	38	7	5
D99	36	7	3
D100	36	7	3
D101	36	7	3
D102	36	7	3
D103	36	7	3
D104	36	7	3
D105	36	7	3
D106	37	7	3
D107	37	7	3
D108	37	7	3
D111	37	7	3
D112	37	7	3
D113	37	7	3
D114	38	8	1
D116	39	8	2
D117	39	8	2
D118	40	8	2
D119	40	8	2
D120	40	8	2
D121	41	8	3
D122	41	8	3
D123	41	8	4
D124	41	8	4

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D125	42	8	4
D126	42	8	4
D127	42	8	4
D128	42	8	4
D129	43	8	5
D130	43	8	5
D131	43	8	5
D133	44	9	1
D134	44	9	1
D135	44	9	1
D136	44	9	1
D137	44	9	1
D138	44	9	1
D139	44	9	1
D140	45	9	1
D141	58	11	39
D142	56	11	38
D143	58	11	39
D146	58	11	39
D148	57	11	39
D151	95	17	50
D152	46	10	2
D153	46	10	2
D154	46	10	2
D155	46	10	3
D156	46	10	3
D157	47	10	3
D158	47	10	3
D159	48	10	4
D160	48	10	5
D161	48	10	5
D162	49	10	6
D163	49	10	6
D164	49	10	6
D165	49	10	7
D166	49	10	7

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D167	50	10	7
D168	50	10	7
D169	50	10	7
D170	97	17	97
D174	95	17	50
D175	95	17	50
D176	95	17	50
D179	55	11	6
D182	55	11	6
D185	59	12	1
D186	60	12	2
D187	60	12	2
D190	60	12	3
D191	61	12	3
D192	61	12	3
D195	61	12	3
D196	61	12	4
D197	61	12	4
D198	62	12	4
D199	62	12	4
D200	62	12	5
D201	63	13	1
D209	63	13	1
D210	63	13	1
D212	63	13	1
D214	63	13	1
D215	64	13	1
D216	64	13	1
D217	66	14	1
D218	66	14	1
D219	66	14	1
D220	66	14	1
D221	66	14	1
D222	66	14	1
D223	67	14	1
D224	67	14	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D234	67	14	1
D245	67	14	1
D251	67	14	1
D252	68	14	1
D253	65	13	2
D255	69	14	2
D256	70	14	2
D257	70	14	2
D258	71	14	2
D259	71	14	2
D260	72	14	2
D261	72	14	2
D262	73	14	2
D263	73	14	2
D264	74	14	2
D265	74	14	2
D266	75	14	2
D267	86	14	9
D268	86	14	9
D269	75	14	2
D270	87	14	9
D271	76	14	2
D272	76	14	2
D273	76	14	2
D274	77	14	2
D275	88	14	9
D276	77	14	2
D277	78	14	2
D278	78	14	2
D279	68	14	1
D283	68	14	1
D284	84	14	5
D285	84	14	5
D286	84	14	5
D287	84	14	5
D288	80	14	3

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D289	80	14	3
D290	80	14	3
D291	80	14	3
D292	81	14	3
D293	81	14	3
D294	81	14	3
D295	81	14	3
D296	81	14	3
D307	82	14	4
C308	82	14	4
D309	82	14	4
C310	83	14	4
D377	89	15	1
D378	89	15	2
C379	89	15	2
D396	90	17	1
D398	90	17	1
D399	90	17	2
C400	91	17	2
C401	91	17	3
C402	94	17	14
C403	93	17	13
D404	94	17	14
D405	91	17	3
D406	94	17	13
D407	91	17	3
D408	91	17	3
D409	91	17	4
D423	23	4	7
D424	24	4	7
D425	24	4	7
D426	24	4	7
D427	24	4	7
D428	24	4	7
D429	25	4	8
D430	26	4	8

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
C431	26	4	8
D444	53	10	12
D445	53	10	12
D448	78	14	2
D449	85	14	6
D547	62	12	4
D548	90	17	1
D549	90	17	1
D550	8	2	5
D553	13	4	1
D554	27	5	1
D555	27	5	1
D556	28	5	1
D557	37	7	3
D558	43	8	5
D560	58	11	39
D561	58	11	39
D563	95	17	50
D593	24	4	7
D594	24	4	7
D595	24	4	7
D596	25	4	7
D598	25	4	7
C612	83	14	4
C613	83	14	4
D647	53	10	12
D649	53	10	12
D650	94	17	46
D650	56	11	38
D651	94	17	46
D651	57	11	38
D674	56	11	38
D674	57	11	39
D675	56	11	38
D675	57	11	39
D676	58	11	39

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D678	57	11	39
D679	57	11	39
D687	19	4	5
D688	19	4	5
D689	19	4	5
D690	19	4	5
D691	19	4	5
D692	19	4	5
D693	19	4	5
D694	20	4	5
D695	20	4	5
D696	20	4	5
D697	20	4	5
D698	20	4	5
D699	20	4	5
D700	20	4	5
D701	20	4	5
D702	21	4	5
D703	21	4	5
D704	21	4	5
D705	21	4	5
D706	21	4	5
D707	21	4	5
D708	21	4	5
D762	22	4	5
D764	22	4	5
D766	22	4	5
D767	22	4	5
D768	23	4	6
C770	23	4	6
D774	45	10	1
D779	45	10	1
D782	50	10	10
D785	51	10	10
D786	51	10	10
D787	51	10	10

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D788	37	7	3
D789	38	7	3
D812	39	8	1
D823	40	8	2
D835	51	10	11
D837	51	10	11

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D839	51	10	11
D840	52	10	11
D846	52	10	11
D847	52	10	11
D849	56	11	7
D850	56	11	7
D863	52	10	11
D864	79	14	2
D868	79	14	2
D872	90	17	1
D881	64	13	1
D882	64	13	1
D883	1	1	1
D884	1	1	1
D885	1	1	1
D886	1	1	1
D887	1	1	1
D888	2	1	3
D889	2	1	3
D890	2	1	3
D891	3	1	3
D892	3	1	3
D894	4	1	5
D900	4	1	5
D901	4	1	5
D902	4	1	5
D907	4	1	5

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D908	5	2	1
D909	6	2	1
D910	6	2	1
D911	6	2	1
D918	13	4	1
D919	13	4	1
D920	15	4	1
D921	15	4	1
D922	17	4	3
D924	17	4	3
D925	28	5	1
D926	28	5	1
D927	28	5	1
D928	28	5	1
D930	28	5	1
D931	28	5	1
D932	28	5	1
D933	29	5	1
D934	29	5	1
D935	29	5	1
D936	29	5	1
D937	29	5	1
D938	29	5	1
D939	29	5	1
D940	29	5	1
D941	30	5	1
D942	30	5	1
D943	30	5	1
D944	30	5	1
D945	30	5	1
D946	30	5	1
D947	31	7	1
D948	31	7	1
D949	34	7	1
D950	35	7	1
D951	35	7	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D952	35	7	1
D953	35	7	1
D954	35	7	1
D955	39	8	1
D956	39	8	1
D957	39	8	1
D958	40	8	2
D959	40	8	2
D960	40	8	2
D961	40	8	2
D963	41	8	2
D964	42	8	4
D965	42	8	4
D966	42	8	4
D967	45	9	1
D969	58	11	39
D970	58	11	39
D971	46	10	2
D972	47	10	3
D973	50	10	7
D974	68	14	1
D975	68	14	1
D976	48	10	4
D977	50	10	7
D978	84	14	5
D979	69	14	1
D980	69	14	1
D981	69	14	1
D982	69	14	1
D983	97	19	1
D984	97	19	1
D985	47	10	3
D986	47	10	3
D987	47	10	3
D988	47	10	3
D989	47	10	3

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D990	98	19	1
D992	99	19	2
D993	99	19	2
D994	99	19	2
D995	99	19	2
D996	100	19	2
D997	100	19	2
D998	101	19	3
D999	64	13	1
D1000	65	13	1
D1001	65	13	1
D1002	65	13	1
D1008	34	7	1
D1009	101	19	3
D1010	34	7	1
D1011	34	7	1
D1021	100	19	2
D1022	100	19	2
D1023	11	3	1
D1024	11	3	1
C1029	92	17	10
D1030	92	17	10
D1031	92	17	10
D1035	92	17	10
D1137	34	7	1
D1138	34	7	1
C1207	65	13	2
D1210	52	10	11
D1211	52	10	11
D1231	10	2	7
D1232	10	2	7
D1233	10	2	7
D1235	93	17	11
D1236	93	17	11
D1237	92	17	11
D1238	93	17	11

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1239	93	17	11
D1247	11	3	1
D1248	15	4	1
D1249	11	3	1
D1251	53	10	12
D1252	53	10	12
D1253	53	10	12
D1254	54	10	12
D1255	94	17	46
D1255	56	11	38
D1256	95	17	46
D1256	57	11	38
D1259	100	19	2
D1280	50	10	8
D1282	59	11	39
D1283	59	11	39
D1284	59	11	39
D1285	59	11	39
D1286	59	11	39
D1288	35	7	1
D1289	35	7	1
D1290	38	7	3
D1291	43	8	5
D1292	43	8	5
D1293	43	8	5
D1294	48	10	4
D1295	48	10	4
D1296	97	17	97
D1297	97	17	97
D1299	90	17	1
D1300	95	17	50
D1301	96	17	50
D1302	96	17	50
D1303	96	17	50
D1304	96	17	50
D1305	98	19	2

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1306	22	4	5
D1307	22	4	5
D1308	22	4	5
D1309	21	4	5
D1310	1	1	1
D1312	3	1	3
D1314	4	1	5
D1317	6	2	1
D1318	7	2	3
D1319	8	2	5
D1321	12	3	1
D1323	15	4	1
D1325	17	4	3
D1327	23	4	5
D1328	25	4	7
D1331	30	5	1
D1333	36	7	1
D1334	38	7	3
D1336	39	8	1
D1337	41	8	2
D1338	41	8	3
D1339	42	8	4
D1340	43	8	5
D1341	45	9	1
D1342	46	10	1
D1343	46	10	2
D1344	47	10	3
D1345	48	10	4
D1346	49	10	5
D1347	49	10	6
D1348	50	10	8
D1351	57	11	38
D1352	59	11	39
D1354	65	13	2
D1355	69	14	1
D1357	83	14	4

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1358	83	14	4
D1363	51	10	10
D1364	52	10	11
D1365	92	17	10
D1366	93	17	11
D1367	54	10	12
D1368	95	17	46
D1369	96	17	50
D1370	97	17	97
D1371	45	10	1
D1381	14	4	1
D1382	13	4	1
D1383	13	4	1
D1384	15	4	1
D1385	14	4	1
E1386	101	21	0
E1387	102	21	0
E1388	102	21	0
E1389	102	21	0
E1391	102	21	0
E1394	102	21	0
E1396	102	21	0
D1406	96	17	88
D1407	96	17	88
D1408	96	17	88
D1410	54	11	1
D1411	54	11	1
D1412	54	11	1
D1413	54	11	1
D1414	55	11	2
D1415	55	11	2
D1416	55	11	2
D1417	55	11	2
D1418	97	17	88
D1442	84	14	5
D1460	85	14	7

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1464	23	4	7
D1465	25	4	7
D1466	25	4	7
D1467	25	4	7
D1468	52	10	11
D1469	22	4	5
D1470	25	4	7
D1471	45	10	1
D1472	51	10	10
D1477	101	19	4
D1623	60	12	1
D1624	60	12	2
D1625	61	12	3
D1626	62	12	4
D1639	98	19	2

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F8.1 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

Total Reduced Sulfur

H2S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

a. Implementation of an inspection and maintenance program for all odor sources.

b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.

c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.

d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.

e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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]

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**; RULE 2004, 4-6-2007]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F34.2 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]

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

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

[**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):

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

40CFR63, Subpart GGGGG

[40CFR 60 Subpart A, 5-16-2007; **40CFR 61 Subpart A, 5-16-2007**; **40CFR 63 Subpart A, 5-16-2007**; **40CFR 63 Subpart GGGGG, 11-29-2006]**

F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE Civil No. SA-05-CA-0569. The facility shall send the District a copy of the semiannual update report sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree. This report shall also identify any anticipated future requirements known as of the date of the report and dates of compliance for the requirements.

[CONSENT DECREE VALERO, 6-16-2005]

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
ULTRAMAR INC (NSR USE ONLY)

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
Benzene	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

S1.1 The operator shall limit the throughput to no more than 650000 ton(s) in any one year.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 30 LBS IN ANY ONE DAY
CO	Less than or equal to 26 LBS IN ANY ONE DAY
PM	Less than or equal to 90 LBS IN ANY ONE DAY

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors for Heater 56-H-1: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors for Heater 56-H-2: ROG: 7.0 lbs/mmscf; CO: 4.1 lbs/mmscf; and PM: 21 lbs/mmscf

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 10, System 8]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All new open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

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

All new process drains shall be equipped with P-trap or seal pot.

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

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 8, System 3; Process 10, System 2; Process 13, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **40CFR 60 Subpart GGG, 6-2-2008**; **40CFR 60 Subpart QQQ, 10-17-2000**]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.5 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 11, System 38]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, except in the following applications: 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 limitation.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 4, System 5; Process 10, System 1 , 10 , 11]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 8, System 1 , 2]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.9 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):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 7 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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), retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

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

S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 2, System 1 , 3]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 6 , 7]

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 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 11, System 1 , 2; Process 17, System 46 , 50 , 97]

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	1149
VOC	District Rule	463

[**RULE 104, 1-9-1976**; **RULE 1149, 7-14-1995**; **RULE 463, 5-6-2005**]

[Systems subject to this condition : Process 14, System 5]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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	463
VOC	District Rule	1149
VOC	District 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 14, System 1 , 2 , 7]

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	1176
VOC	40CFR60, SUBPART	QQQ
Benzene	40CFR61, SUBPART	FF

[**RULE 1176, 9-13-1996**; **40CFR 60 Subpart QQQ, 10-17-2000**; **40CFR 61 Subpart FF, 12-4-2003**]

[Systems subject to this condition : Process 13, System 1]

S13.8 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]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR60, SUBPART	J
H2S	40CFR60, SUBPART	J

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

[Systems subject to this condition : Process 11, System 1 , 2]

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

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR63, SUBPART	UUU

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 11, System 1 , 2]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S13.11 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

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determine independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S13.12 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 subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to 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 14, System 9]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR63, SUBPART	UUU
HCl 34.64 <<NH3 3,709	40CFR63, SUBPART	UUU

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

All coker blowdown 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

S15.3 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the sour gas treating unit(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 3 , 5; Process 4, System 1 , 3 , 5; Process 8, System 5]

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(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 1 , 5 , 6 , 11 , 12; Process 17, System 46]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 the vapor recovery system(s).

This process/system 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 system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 11 , 12; Process 13, System 1; Process 17, System 50 , 97]

S15.6 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.

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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39; Process 17, System 1]

S15.8 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 thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7 , 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S15.11 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 the tail gas treating unit(s).

This process/system shall not be operated unless the tail gas treating unit(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

S15.12 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 vapor recovery system and/or blowdown flare system.

When the emergency vent gases are being directed to the blowdown vapor recovery system, this process/system shall not be operated unless the blowdown vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

When the emergency vent gases are being directed to the blowdown flare system, 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 13, System 1; Process 14, System 5 , 6; Process 17, System 46 , 50 , 88 , 97]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 vent gases under normal operating conditions shall be directed to the front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have a valid permit to receive vent gases from this system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

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:

Wastewater Treatment System (Process: 13, System: 1)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 11]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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:

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 1, 3, 5 & 7)

Storage Tanks (Process: 14, System: 5 and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

Fuel Gas Treating Unit (Process: 10, System: 13)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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:

Delayed Coking Units (Process: 2, System: 1 and 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

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:

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 12; Process 17, System 97]

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:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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:

Sour Water Stripping Units (Process: 10, System: 1, 5, and 6)

Amine Regeneration Unit (Process: 17, System: 46)

Amine Treating Units (Process: 10, System: 11 and 12)

Tail Gas Units (Process: 11, System: 38 and 39)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

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:

Tail Gas Units (Process: 11, System: 38 and 39)

Sulfur Vapor Collection System Serving Storage Tank, Pits and Loading Rack (Process: 11, System: 7)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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:

Sulfur Recovery Units (Process: 11, System: 1, 2, 6, 38, and 39)

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 3, 5 & 7)

Storage Tanks (Process: 14, System: 1, 5, and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 1, 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 3 , 13 , 14]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S18.9 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:

Pressurized Tanks, LPG (Process: 14, System: 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 2]

S18.10 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 Recovery Unit, Trains 1 & 2 (Process: 11, System: 1 and 2)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

All valves shall be leakless valves 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The District shall approve all exceptions to this requirement.

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

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

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.

For application number 452241, the operator shall provide the following information to the District no later than 60 days after initial startup:

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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) 370041:

All valves shall be bellows sealed valves 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available (e.g. valves larger than 8", valves larger than 2" that require special alloys or connectors, etc.). The District shall approve all exceptions to this requirement.

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

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

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and,

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

All non-bellows seal valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

The leak rate from non-bellows seal valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 14 calendar days after detection of the leak.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 416627 (Unit 43), 416624 (Unit 56), 416622 (Unit 68), 416626 (Unit 69), 416633 (Unit 81-V-9) and 416628 (Unit 86-B-9003):

All open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

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

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

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

All 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 at the time of Permit to Construct issuance.

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, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane 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.

If 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: 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), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves 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 those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least two years, and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 14, System 7]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S42.1 The operator shall shall not operate the FCCU unless the operator complies with the requirements of the following rule by December 31, 2008:

Contaminant	Rule	Rule Number/Subpart
PM10	District Rule	1105.1
Ammonia (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).

a. Award all contracts to design the control technology selected for compliance with Rule 1105.1(d)(1) by September 15, 2006. Award all contracts to construct and install the control technology by July 1, 2007.

b. Submit information necessary for the preparation of the California Environmental Quality Act (CEQA) documents for equipment installation and modification for Rule 1105.1(d)(1) compliance, by August 15, 2006.

c. Submit complete applications for permits to construct the control technology selected for compliance with emission limits specified in Rule 1105.1(d)(1) by October 1, 2006. Upon receiving a letter from the AQMD deeming the applications completed by October 1, 2006, Ultramar will be considered in compliance with this requirement.

d. Begin construction of the control technology permitted by 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.

e. Complete demolition, site preparation and excavation no later than November 2, 2007.

f. Have available on-site, all components needed for the complete assembly of the technology selected, which is electrostatic precipitation, by June 1, 2008.

g. Start operation of the control equipment permitted to ensure compliance with Rule 1105.1(d)(1) by December 1, 2008.

h. Comply with Rule 1105.1(d)(1) no later than December 31, 2008.

[RULE 1105.1, 11-7-2003]

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

DEVICE CONDITIONS

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 7 LBS IN ANY ONE DAY
CO	Less than or equal to 18 LBS IN ANY ONE DAY
PM	Less than or equal to 22 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lb/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D98]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 14 LBS IN ANY ONE DAY
CO	Less than or equal to 36 LBS IN ANY ONE DAY
PM	Less than or equal to 43 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D768]

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

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 2 LBS PER DAY
CO	Less than or equal to 1 LBS PER DAY

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D932]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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
CO	Less than or equal to 955 LBS PER DAY
PM	Less than or equal to 562 LBS PER DAY

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 50 LBS IN ANY ONE DAY
ROG	Less than or equal to 20 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf and CO: 17.5 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.7 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 10 Percent opacity

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

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31, D1231, D1232, D1233]

A63.8 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 : D36]

A229.1 The 10.75LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D3]

A327.1 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 : D378]

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.1 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221]

B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.5 psia or greater under actual operating conditions.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D259, D274]

B22.3 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; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217, D218]

B22.4 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.4 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D260]

B22.5 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.2 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D264]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.6 The operator shall not use this equipment with materials having a(n) true vapor pressure of 7 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D307, D309]

B22.7 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**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D252, D256, D271, D272, D273]

B22.8 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6.9 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D262]

B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 7.3 psia or greater under actual operating conditions.

To verify compliance with this condition, the operator shall sample the materials stored once per month to determine the true vapor pressure. The true vapor pressure shall be determined using ASTM Method D-323 for Reid vapor pressure or other equivalent District-approved method and converted to true vapor pressure using applicable nomographs or equations in EPA AP-42 or District and EPA approved nomographs.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D261]

B27.1 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B59.1 The operator shall only use the following material(s) in this device :

Product Gasoline, Reformate, Alkylate, Toluene, Raffinate, Iso-Octane & FCC gasoline

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1460]

B59.2 The operator shall only use the following material(s) in this device :

Light Straight Run Naphtha, Slop Oil, Crude Oil, Gas Oil, Isooctane, Isooctene, Raffinate, Heavy Naphtha, FCC Gasoline, Alkylate, Distillate, Jet Fuel, Diesel Fuel

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]

[Devices subject to this condition : D267]

B61.1 The operator shall only use fuel gas containing the following specified compounds:

Compound	ppm by volume
Sulfur less than	100

The operator shall maintain a continuous total sulfur analyzer to monitor the sulfur content of the fuel gas.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D59, D60, D73, D98, D429, D430, D768]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B61.2 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 : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

B61.3 The operator shall only use diesel fuel containing the following specified compounds:

Compound	weight percent
Sulfur less than	0.0015

unless the operator demonstrates in writing to the Executive Officer that specific additional time is necessary to comply with this limit.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305, D1639]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the number of turnovers to no more than 75 in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217, D218]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.2 The operator shall limit the number of turnovers to no more than 42 in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D255, D256]

C1.3 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**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D260]

C1.4 The operator shall limit the number of turnovers to no more than 60 in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D264]

C1.5 The operator shall limit the throughput to no more than 1.095e+07 barrels in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D266]

C1.6 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**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D307, D309]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.7 The operator shall limit the throughput to no more than 600,000 barrel(s) in any one calendar month.

To comply with this condition, the operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):.

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

Other records that may be required to comply with the applicable requirements of District Rules 463 and 1178 and 40 CFR60, Subparts Kb.

Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D267]

C1.8 The operator shall limit the throughput to no more than 15 MM barrels in any one calendar year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D864, D868]

C1.9 The operator shall limit the throughput to no more than 5.4e+06 barrel(s) in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D258]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.11 The operator shall limit the loading rate to no more than 672000 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D197 which consists of eight loading arms.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D197]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.12 The operator shall limit the throughput to no more than 20.26 MM barrels in any one calendar year.

This limit shall be based on the total combined limit for equipment D268 (82-TK-1), D269 (82-TK-2), and D270 (82-TK-3).

The gasoline blending products stored in equipment D269 (82-TK-2) and D270 (82-TK-3) shall only consist of the following: isooctane, isooctene, FCC gasoline, alkylate, light straight run (LSR) naphtha, heavy cat naphtha, light cat naphtha, or raffinate.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D268, D269, D270]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.13 The operator shall limit the fuel usage to no more than 207200 cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as the sum of instantaneous flow rates in cubic feet per hour of purge gases used in Device numbers C401, C402, and C403 times 24 hours per day as read from each flow meter.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : C401, C402, C403]

C1.14 The operator shall limit the throughput to no more than 7000 barrel(s) in any one day.

For the purpose of this condition, throughput shall be defined as amount of field butane processed in this equipment.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the field butane processed in this equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1280]

C1.15 The operator shall limit the fuel usage to no more than 130000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D3]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.17 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; **RULE 2012, 5-6-2005]**

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

C1.18 The operator shall limit the number of turnovers to no more than 73 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

C1.19 The operator shall limit the number of turnovers to no more than 292 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D272, D273]

C1.20 The operator shall limit the number of turnovers to no more than 65 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D262]

C1.21 The operator shall limit the number of turnovers to no more than 475 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D263]

C1.22 The operator shall limit the number of turnovers to no more than 66 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D265]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.23 The operator shall limit the throughput to no more than 880000 barrel(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D252]

C1.24 The operator shall limit the number of turnovers to no more than 108 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221]

C1.28 The operator shall limit the loading rate to no more than 2.2268e+06 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D196 and D547.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D196, D547]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.29 The operator shall limit the throughput to no more than 1.86 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as throughput of MTBE.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.30 The operator shall limit the throughput to no more than 9.855 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as the combined throughput of gasoline, alkylate and raffinate.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.31 The operator shall limit the firing rate to no more than 144 MM Btu per hour.

For the purpose of this condition, firing rate shall be defined as heat input to this equipment based on the higher heating value (HHV) of the fuel gas used.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the energy input being supplied to the heater.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

C1.32 The operator shall limit the throughput to no more than 750000 barrel(s) in any one month.

For the purpose of this condition, throughput shall be defined as the combined throughput of product gasoline, reformate alkylate, toluene, raffinate, iso-octane, and FCC gasoline.

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 total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the incremental throughput volumes based on the one-way liquid surface level movement, in feet. The sum of the incremental throughput volumes shall calculated on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously monitor and record the liquid surface level movement. Continuous monitoring and recording are defined as 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 or 1 inch, whichever is greater, the ATLG shall be repaired.

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 discovery of discrepancy.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1460]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.34 The operator shall limit the operating time to no more than 240 hour(s) in any one calendar month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1477]

C1.36 The operator shall limit the gasoline dispensed to no more than 40000 gallon(s) in any one calendar month.

This limit applies to all gasoline dispensing storage tanks at this facility.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

C1.37 The operator shall limit the gasoline dispensed to no more than 480000 gallon(s) per year.

This limit applies to all gasoline dispensing storage tanks at this facility.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.38 The operator shall limit the throughput to no more than 850000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D257]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.40 The operator shall limit the throughput to no more than 620000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D261]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.41 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

This limit includes no more than 50 hour(s) in any one year for maintenance and testing purposes.

To comply with this condition, the operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The operator shall maintain an engine operating log which, on a monthly basis, shall list all engine operations in each of the following areas:

a. Emergency use hours of operation
b. Maintenance and testing hours
c. Other operating hours (Describe the reason for the operation)

In addition, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation.

The operation of the engine beyond the 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage. Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 1110.2, 2-1-2008; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(1)-Modeling, 5-10-1996**; RULE 1303(b)(1)-Modeling, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1470, 6-1-2007; **RULE 2005, 5-6-2005**]

[Devices subject to this condition : D1639]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 an explosimeter or equivalent device to monitor the hydrocarbon concentration in the vapor space above the internal floating roof twice a year at 4 to 8 months interval.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D1460]

C6.2 The operator shall use this equipment in such a manner that the pressure being monitored, as indicated below, does not exceed 80 Psia.

To comply with this condition, the operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure being supplied to the abrasive blasting nozzle.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1477]

C6.3 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 3 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the two filter cartridges.

[**RULE 1140, 2-1-1980**; RULE 1140, 8-2-1985; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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 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. current
2. voltage

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 D36) according to the requirements specified in Permit Condition D29.12.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**; **40CFR 60 Subpart J, 6-24-2008]**

[Devices subject to this condition : C39]

D. Monitoring/Testing Requirements

D12.2 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 2012, 5-6-2005]**

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the PRV at the Carbon Adsorption Tower or a pressure gauge to indicate the backpressure in the vapor recovery system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1029]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.5 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the catalyst bed.

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 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

D12.6 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the catalyst bed.

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 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the SCR bed.

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 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C770]

D12.8 The operator shall install and maintain a(n) thermocouple or any other equivalent device 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**]

[Devices subject to this condition : C400, C401, C402, C403]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted at least annually.

The test shall be conducted when the combustion equipment vented to the SCR is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C431, C770]

D28.11 The operator shall conduct source test(s) in accordance with the following specifications:

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 when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted at least annually.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 407, 4-2-1982]**

[Devices subject to this condition : D9, D59, D60, D73, D377]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D28.13 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly to determine the NH3 emissions.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13, C379]

D29.1 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
ROG emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating or within a capacity approved by the District.

The test(s) shall be conducted at least once every three years.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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	District-approved averaging time	Outlet

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D29.12 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	District-approved averaging time	Outlet

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results 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 ESP fields.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**; **40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D36]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 VOC concentration at the outlet of the carbon adsorber according to the following specifications:

The operator shall monitor once every day.

The operator shall use an appropriate analyzer in accordance with EPA test method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[**RULE 1178, 4-7-2006**; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : C308, C310, C612, C613]

D90.2 The operator shall periodically monitor the pH of the scrubbing solution in the scrubber according to the following specifications:

The operator shall monitor once daily when the equipment is in service.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 407, 4-2-1982**; **RULE 468, 10-8-1976**; **40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D142]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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 gas before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

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

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

D90.4 The operator shall monitor the opacity at the stack according to the following specifications:

The operator shall maintain and operate the opacity meter and record the readings as required pursuant to 40CFR60, Subpart J at all times except during periods of required maintenance and malfunction of the opacity meter.

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

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D90.5 The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber according to the following specifications:

The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber whenever the tank vented to this equipment is being filled.

The operator shall use an appropriate analyzer to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in accordance with EPA test method 21 in ppmv methane.

[**RULE 1178, 4-7-2006**; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : C1207]

D90.10 The operator shall periodically monitor the vapor pressure of the material stored in this storage tank according to the following specifications:

The operator shall determine the true vapor pressure by one of the following methods: 1) record the tank contents and temperature once per month and use the organic liquid storage tank figure 7.1 series in AP-42; 2) sample and test the material stored, 3) derive the vapor pressure using engineering calculations, or 4) maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

Records of materials stored and vapor pressure of the 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 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217, D218, D221, D252, D256, D259, D260, D262, D264, D271, D272, D273, D274, D307, D309]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D90.11 The operator shall monitor and record the throughput of this storage tank according to the following specifications:

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 hour.

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 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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D258, D266, D864, D868]

D90.12 The operator shall monitor and record the throughput of this device according to the following specifications:

The throughput shall be derived by using engineering calculations using parameters obtained from process records, purchase records, shipping invoices, level gauging, etc.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D196, D197, D252, D547]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D90.13 The operator shall periodically analyze the H2S concentration in the process gas streams vented to this device according to the following specifications:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on November 15, 2005 for the periodic analysis and reporting of H2S concentration for the process gas streams vented from the Catalytic Reformer Unit (CRU) to Heater 70-H-1/2/3.

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

[Devices subject to this condition : D74]

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 2005, 5-6-2005]

[Devices subject to this condition : D1021, D1022, D1259, D1305]

D232.1 The operator shall install and maintain a continuous emission monitoring device to accurately indicate the non-methane hydrocarbon concentration in the effluent from the onstream carbon bed when device D197 is not in idle status.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C1029]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D238.1 All hydrofluoric acid sensors shall be electronically linked to the District's hydrofluoric acid emergency monitoring Central Station via a Remote Terminal Unit (RTU) which has been approved by the Executive Officer.

The RTU shall be operated such that an alarm message shall be transmitted to the District's Central Station via the RTU when any hydrofluoric acid sensor detects a concentration of 6 ppm or more of hydrofluoric acid.

All hydrofluoric acid sensors shall be calibrated monthly. Calibration reports shall be generated and electronically sent to the District's Central Station via the RTU in real time.

This condition shall not apply during the hydrofluoric acid sensor or RTU breakdown if all of the following requirement(s) are met:

1. The breakdown did not result from operator error, neglect, improper operation or poor maintenance.
2. Steps are immediately taken to repair or rectify the condition causing the breakdown.
3. The District Central Station or the Executive Officer is notified of the breakdown within 8 hours of its occurrence.

This condition shall not apply also during:

1. Routine quarterly maintenance of the affected equipment, with the prior approval of the Executive Officer.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1008, D1011, D1137, D1138]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946, E1391]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D322.2 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 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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.

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]

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31, D40, D41, D68, D69, D933, D934, D935, D936, D937, D938, D939, D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 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.

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]

[Devices subject to this condition : D10, D11, D14, D15, C400, C401, C402, C403]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 CO emission limit(s). 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 : D3, D6, D8, D12, D22, D52, D53, D98, D378, D429, D768]

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, 3-7-2008]

[Devices subject to this condition : D983]

D381.1 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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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, the operator shall 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.

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; and

3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; **RULE 401, 3-2-1984]**

[Devices subject to this condition : D946, E1391, D1477]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E71.1 The operator shall only use this equipment during FCC unit startup.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D38]

E71.5 The operator shall only use plate-type catalyst in this equipment during operation.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 475 Deg F.

The operator shall install and maintain a temperature gauge to accurately indicate the temperature at the inlet of the SCR bed. The operator shall also install and maintain a device to continuously record the temperature being measured.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C770]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

The containers shall remain closed except when dust is being transferred out of the container.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**]

[Devices subject to this condition : C39, E1391]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[**RULE 1140, 2-1-1980**; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

E125.1 The operator shall drive all the outgoing petroleum coke trucks, whether filled or empty, through the truck wash system in order to thoroughly wash any residual coke off the exterior of the trucks.

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

[Devices subject to this condition : D1231, D1232, D1233]

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**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1207]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D186, D190, D191, D449]

E153.1 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 operating carbon adsorber.

[**RULE 1178, 4-7-2006**; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : C308, C310, C612, C613]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 lab results of the grab sample analysis indicate VOC concentration of 500 ppmv or greater at the outlet of the first carbon adsorber.

The operator shall collect a sample using District grab sample method when a VOC monitoring instrument calibrated with methane indicates a concentration of 500 ppmv or greater at the outlet of the first carbon adsorber. The operator shall submit the sample for lab analysis within 24 hours.

Change-out shall occur within 48 hours after breakthrough.

When changing out the carbon, the operator shall remove the carbon adsorber in the first carbon adsorber (lead adsorber) position, move the second carbon adsorber (lag adsorber) to the lead adsorber position and place the fresh carbon in the lag carbon adsorber position.

Alternatively, the operator shall replace both the first and second carbon adsorbers with fresh carbon.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1178, 4-7-2006**; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : C1207]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

All new gate valves 4" and smaller in hydrocarbon or sour gas service shall be sealed bellows type. All new globe valves 8" and smaller in hydrocarbon or sour gas service shall be sealed bellows type.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D444, D445]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Section 60.18 of the 40CFR60 Subpart A

[40CFR 60 Subpart A, 5-16-2007]

[Devices subject to this condition : C400, C401, C402, C403]

E193.7 The operator shall restrict the operation of this equipment as follows:

In addition to maintenance and testing of this engine, this engine shall only be used for either providing electrical power to portable operations or emergency power to stationary sources.

Portable operations are those where it can be demonstrated that because of the nature of the operation, it is necessary to periodically move the equipment from one location to another.

Emergencies at stationary sources are those that result in an interruption of services of the primary power supply or during Stage II or III electrical emergencies declared by the California Independent System Operator.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D1639]

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

The operator shall regularly wash the overhead structures and the ground area down to the coke laden water return system to avoid accumulation of coke dust.

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

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E336.3 The operator shall vent the vent gases from this equipment as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s) which is in full use and has- a valid permit to receive vent gases from this equipment.

All emergency vent gases shall be directed to a blowdown flare system which 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 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D650, D835, D1252]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	District Rule	465
VOC	District Rule	465

[**RULE 465, 8-13-1999**]

[Devices subject to this condition : D849, D850, D894, D907, D1290, D1291, D1292, D1293, D1294, D1299]

H23.3 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 : D973, D977]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.4 This equipment is 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]

[Devices subject to this condition : D1468, D1469, D1470, D1471, D1472]

H23.5 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]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, C400, C402, C403, D429, D430, D768]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka

[40CFR 60 Subpart Ka, 12-14-2000]

[Devices subject to this condition : D217, D218, D268, D269, D270, D271, D272, D273, D274, D275]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	K

[40CFR 60 Subpart K, 10-17-2000]

[Devices subject to this condition : D255, D256, D257, D258, D259, D260, D261, D262, D263, D264, D265, D266]

H23.8 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 : E1386]

H23.9 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 : E1388]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.10 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 : E1396]

H23.11 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 : D267, D448, D864, D868, D1460]

H23.12 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka
VOC	District Rule	1149

[**RULE 1149, 7-14-1995**; RULE 1149, 5-2-2008; **40CFR 60 Subpart Ka, 12-14-2000**]

[Devices subject to this condition : D221, D252]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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
VOC	District Rule	463
VOC	District Rule	1178
VOC	40CFR60, SUBPART	Kb
Benzene	40CFR61, SUBPART	FF

[**RULE 1178, 4-7-2006**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : D253]

H23.14 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	1149
VOC	District Rule	1178
VOC	40CFR60, SUBPART	Kb

[**RULE 1149, 7-14-1995**; RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006**; **RULE 463, 5-6-2005**; **40CFR 60 Subpart Kb, 10-15-2003**]

[Devices subject to this condition : D307, D309]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.16 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	GGG

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **40CFR 60 Subpart GGG, 6-2-2008**]

[Devices subject to this condition : D594, D708, D1327, D1328, D1342, D1348, D1351, D1363, D1364]

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007]

[Devices subject to this condition : D872, D1310, D1312, D1314, D1317, D1318, D1319, D1321, D1323, D1325, D1331, D1333, D1334, D1336, D1337, D1338, D1339, D1340, D1341, D1343, D1344, D1345, D1346, D1347, D1352, D1354, D1355, D1357, D1358, D1365, D1366, D1367, D1368, D1369, D1370, D1418, D1442, D1623, D1624, D1625, D1626]

H23.19 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[**RULE 462, 5-14-1999**]

[Devices subject to this condition : D197]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.20 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 : E1389]

H23.21 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**]

[Devices subject to this condition : E1387]

H23.23 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140

[**RULE 1140, 2-1-1980**; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.25 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

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

[Devices subject to this condition : D199, D201, D219, D220, D222, D223, D224, D252, D276, D307, D309]

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	EEEE

[40CFR 63 Subpart EEEE, 7-28-2006]

[Devices subject to this condition : D185]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.30 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 : C400, C401, C402, C403]

H23.31 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470
CO	40CFR60, SUBPART	IIII
NOX	40CFR60, SUBPART	IIII
PM	40CFR60, SUBPART	IIII
ROG	40CFR60, SUBPART	IIII
HAPs	40CFR63, SUBPART	ZZZZ

[RULE 1470, 6-1-2007; **40CFR 60 Subpart IIII, 7-11-2006**; **40CFR 63 Subpart ZZZZ, 1-18-2008**]

[Devices subject to this condition : D1639]

H116.2 The operator shall maintain the moisture content of coke in this equipment at least 12 percent in order to comply with SCAQMD Regulation XIII whenever this facility is in operation.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H116.4 The operator shall store petroleum coke in this equipment only in order to comply with SCAQMD Rule 1158 whenever this facility is in operation.

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

[Devices subject to this condition : D1231, D1232, D1233]

H116.5 The operator shall wash down daily the ground area below the Hydrobins to prevent accumulation of dust which may become airborne in order to comply with SCAQMD Rule 403 whenever this facility is in operation.

[**RULE 403, 4-2-2004**; RULE 403, 6-3-2005]

[Devices subject to this condition : D1231, D1232, D1233]

I. Administrative

I1.1 The operator shall comply with all the requirements of the compliance schedule specified in Variance Case No. 3845-69, dated May 8, 2007 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**]

[Devices subject to this condition : C401, C402, C403]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

I30.1 In accordance with Rule 3002(a)(3), the permit for this equipment is being issued as a non-Title V permit.

The facility permit holder shall file an application for a Title V permit revision for this equipment within 90 days of the issuance of the facility's initial Title V permit.

[RULE 3002, 11-14-1997]

[Devices subject to this condition : D261, D1639]

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1639]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel rate and heating value of the fuel gas

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Date, time, fuel consumption and purpose of operation.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; **RULE 2012, 5-6-2005]**

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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 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 : E1394]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily inspections and maintenance of all the ammonia valves at this equipment

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1009]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

[**RULE 1178, 4-7-2006**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 463, 5-6-2005**]

[Devices subject to this condition : D219, D220, D222, D223, D224, D234, D245, D253, D259, D274, D275, D276, D277, D278, D279, D283, D974, D975, D979, D980, D981, D982]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

Hydrocarbon concentration measurements done in the vapor space above the floating roof of the tank.

Other records that may be required to comply with the applicable requirements of District Rules 463, 1173 & 1178, and 40 CFR60, Subparts Kb & GGG.

Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1460]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

[**RULE 1140, 2-1-1980**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**]

[Devices subject to this condition : D946, E1391, D1477]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monitoring data for VOC including measurement method used and date of analysis.

Date of replacement of carbon canister.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1207]

K171.1 The operator shall provide to the District the following items:

The required annual test may commence without prior approval from the District, if it is conducted according to a source test protocol previously approved by the District for this equipment. A copy of the approval letter shall be submitted to the District at least 30 days prior to the test.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 2011, 5-6-2005**; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D9, D59, D60, D73, C431]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : CATALYTIC CRACKING					P13.1
System 1 : FCCU					S13.2, S15.5, S15.12, S42.1
REACTOR, FCC, 61-R-1R, WITH CYCLONE, HEIGHT: 153 FT 10 IN; DIAMETER: 15 FT 6 IN A/N: 462069 Permit to Construct Issued: 06/21/07	D35				
REGENERATOR, FCC, 61-IN-1, WITH CYCLONE, HEIGHT: 100 FT 6 IN; DIAMETER: 26 FT 6 IN WITH A/N: 462069 Permit to Construct Issued: 06/21/07 INJECTOR, STANDBY OXYGEN INJECTION	D36	C39 D157 D158 D166 D168 D973 D986	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 500 PPMV (8) [**40CFR 60 Subpart J,6-24-2008; CONSENT DECREE VALERO,6-16-2005]** ; **CO:** 2000 PPMV (5) [**RULE 407,4-2-1982]** **HAP:** (10) [**40CFR 63 Subpart UUU, #2,4-20-2006]** ; **NOX:** 125 LBS/HR (7) [**RULE 2005,5-6-2005]** ; **PM:** 2 LBS/TON COKE BURNOFF (8) [**40CFR 60 Subpart J,6-24-2008** **CONSENT DECREE VALERO,6-16-2005]** ; **PM:** (9) [**RULE 404,2-7-1986;RULE 405,2-7-1986]** ; **PM10:** 2.8 LBS/1000 BBLS FRESH FEED (5) [**RULE 1105.1,11-7-2003]** **SOX:** 94.38 LBS/HR (7) [**RULE 2005,5-6-2005]**	A63.4, A63.8, A99.1, A99.2, A195.2, B61.4, D29.2, D29.7, D29.12, D29.13, D82.3, D90.4, D323.1, D425.1, D425.2, E73.5, E193.3, E193.4, H23.27, K40.2, K40.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : CATALYTIC CRACKING					P13.1
TANK, SURGE, 61-V-3, RAW OIL, HEIGHT: 35 FT; DIAMETER: 12 FT 6 IN A/N: 462069 Permit to Construct Issued: 06/21/07	D37				
BLOWER, 61-BL-1, MAIN AIR, 80,142 CFM, SINGLE STAGE CENTRIFUGAL WITH A 8,000 HP MOTOR (REPLACES 6,000 HP MOTOR) A/N: 462069 Permit to Construct Issued: 06/21/07	D1023				
VESSEL, SEPARATOR, 61-CY-3, THIRD STAGE A/N: 462069 Permit to Construct Issued: 06/21/07	D1024				
TANK, SURGE, 61-V-10, FLUE GAS COOLER, HEIGHT: 20 FT; DIAMETER: 6 FT A/N: 462069 Permit to Construct Issued: 06/21/07	D1247				
EJECTOR, 61-BLX-1-EJ-1 A/N: 462069 Permit to Construct Issued: 06/21/07	D1249				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 462069 Permit to Construct Issued: 06/21/07	D1321			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : CATALYTIC CRACKING					P13.1
System 3 : FCCU CONTROL					
ELECTROSTATIC PRECIPITATOR, 61-PR-2, FCCU, HAMON RESEARCH-COTTRELL, SINGLE CHAMBER, 27 GAS PASSAGES WITH A/N: 458075 Permit to Construct Issued: 06/21/07 HOPPER, 8 TOTAL AMMONIA INJECTION, AQUEOUS AMMONIA	C1615	C39		**HAP:** (10) [**40CFR 63 Subpart UUU, #2,4-20-2006]** ; **NH3:** 10 PPMV (5) [**RULE 1105.1,11-7-2003]**	A195.3, C12.1, D90.6, D90.7, D90.8, D90.9, E193.5, E193.6
System 5 : FCCU CATALYST ADDITIVE LOADER NO. 1					
STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 431021 Permit to Construct Issued: 09/28/04	D1566	C1567		**PM:** (9) [**RULE 404,2-7-1986;RULE 405,2-7-1986]**	B27.1, D381.1

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : CATALYTIC CRACKING					P13.1
FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN;, CARTRIDGE TYPE, INTERNATIONAL SURFACE PREPARATION, MODEL MFP 711675201, WITH PULSE JET CLEANING, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 431021 Permit to Construct Issued: 09/28/04	C1567	D1566			D12.10, D322.2, K67.8
System 6 : FCCU CATALYST ADDITIVE LOADER NO. 2					
STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 432476 Permit to Construct Issued: 09/28/04	D1568	C1569		**PM:** (9) **[RULE 404,2-7-1986;RULE 405,2-7-1986]**	B27.1, D381.1
FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN;, CARTRIDGE TYPE, INTERNATIONAL SURFACE PREPARATION, MODEL MPF 711675201, WITH PULSE JET CLEANING, WITH CYCLONE, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 432476 Permit to Construct Issued: 09/28/04	C1569	D1568			D12.10, D322.2, K67.8

* (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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
System 1 : GAS OIL UNIBON HYDROTREATING UNIT 80					S4.9, S13.2, S15.3, S15.5, S15.12, S31.1
TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D43				
REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D918				
REACTOR, 80-V-3, HDA, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D919				
COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06	D1382				
VESSEL, SEPARATOR, PRODUCT, 80-V-4, HEIGHT: 30 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D44				
COMPRESSOR, RECYCLE GAS, 80-C-1 A/N: 452241 Permit to Construct Issued: 08/22/06	D553				

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1383				
DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1381				
SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT; DIAMETER: 4 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06	D51				
KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1385				
COLUMN, 80-V-10, HDA DISTILLATE SPLITTER, HEIGHT: 74 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D46				
ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D47				

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D49				
ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D50				
COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D920				
COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT; DIAMETER: 4 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D921				
DRUM, LOW PRESSURE FLASH, 80-V-9, LENGTH: 13 FT; DIAMETER: 8 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06	D45				
VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1384				

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
KNOCK OUT POT, 80-V-19, FUEL GAS, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1057				
DRUM, 80-V-12, WASH WATER SUCTION, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 20 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06	D1058				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 452241 Permit to Construct Issued: 08/22/06	D1323			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
System 7 : NAPHTHA HYDROTREATER/SPLITTER UNIT #56					S4.4, S13.2, S15.5, S15.12, S31.5
COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT; DIAMETER: 10 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D61				
TANK, SURGE, 56-V-1, HEIGHT: 32 FT; DIAMETER: 10 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D423				
REACTOR, 56-R-2, HEIGHT: 29 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D1464				

* (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
ULTRAMAR INC (NSR USE ONLY)

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					P13.1
VESSEL, SEPARATOR, PRODUCT, 56-V-3, HEIGHT: 25 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D424				
ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D425				
ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT; DIAMETER: 8 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D426				
KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D427				
ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT; DIAMETER: 8 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D428				
DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT; DIAMETER: 3 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D593				

* (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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ULTRAMAR INC (NSR USE ONLY)

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 4 : HYDROTREATING					P13.1
COMPRESSOR, RECYCLE, 56-C-1 A/N: 416624 Permit to Construct Issued: 12/16/04	D594				
DRUM, 56-V-15, HEIGHT: 30 FT; DIAMETER: 8 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D595				
COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT; DIAMETER: 11 FT A/N: 416624 Permit to Construct Issued: 12/16/04	D596				
COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D598				
COLUMN, DEBUTANIZER, 56-V-18, HEIGHT: 108 FT; DIAMETER: 7 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D1481				
ACCUMULATOR, DEBUTANIZER OVERHEAD, 56-V-19, HEIGHT: 19 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04	D1482				
BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N: 416624 Permit to Construct Issued: 12/16/04	D1465				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 4 : HYDROTREATING					P13.1
EJECTOR, EVACUATION, 56-EJ-1 A/N: 416624 Permit to Construct Issued: 12/16/04	D1466				
VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N: 416624 Permit to Construct Issued: 12/16/04	D1467				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416624 Permit to Construct Issued: 12/16/04	D1328			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16
Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
System 1 : PLATFORMER UNIT #70					S13.2, S13.13, S15.5, S15.12
VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D62				
COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D65				
VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D66				

* (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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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 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D68	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]** ; **PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D69	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]** ; **PM:** (9) **[RULE 405,2-7-1986]**	D323.1
VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N: 433983 Permit to Construct Issued: 11/22/05	D70				
VESSEL, LIFT ENGAGER, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D71	D74		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
EJECTOR, STEAM JET, 70-EJ-1 A/N: 433983 Permit to Construct Issued: 11/22/05	D72				
COMPRESSOR, RECYCLE GAS, 70-C-1 A/N: 433983 Permit to Construct Issued: 11/22/05	D554				
COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N: 433983 Permit to Construct Issued: 11/22/05	D555				

* (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
ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N: 433983 Permit to Construct Issued: 11/22/05	D556				
REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D925			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D926			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D927			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	
DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D930				
DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D931				
TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D932	D74 D935		**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	A63.3

* (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 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 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D933	D946		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
VESSEL, LIFT ENGAGER, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D934	D74		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, DISENGAGING, 70-V-25R, DIAMETER: 4 FT; HEIGHT: 13 FT 6 IN WITH A/N: 433983 Permit to Construct Issued: 11/22/05 COMPARTMENT, DISENGAGING AND PREHEAT ZONE, HEIGHT: 7 FT COMPARTMENT, CHLORIDE ADSORPTION ZONE, HEIGHT: 6 FT 6 IN	D935	D74 D932		**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D936			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D937			**PM:** (9) **[RULE 405,2-7-1986]**	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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D938			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D939			**PM:** (9) **[RULE 405,2-7-1986]**	D323.1
DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D940	D74			
DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D941	D74			
DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D942	D74			
DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05	D943	D74			
VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N: 433983 Permit to Construct Issued: 11/22/05	D944				

* (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 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N: 433983 Permit to Construct Issued: 11/22/05	D945				
FILTER, HEPA, 70-ME-22 A/N: 433983 Permit to Construct Issued: 11/22/05	D946	D933			D322.1, D381.1, K67.8
VESSEL, FUEL GAS CHLORIDE TREATER, 70-V-42, HEIGHT: 18 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D1212			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	E166.1
VESSEL, NET GAS CHLORIDE TREATER, 70-V-43, HEIGHT: 16 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D1213			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	E166.1
VESSEL, LIQUID CHLORIDE TREATER, 70-V-44, HEIGHT: 31 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05	D1214			**HAP:** (10) **[40CFR 63 Subpart UUU, #1,4-20-2006]**	E166.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433983 Permit to Construct Issued: 11/22/05	D1331			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17

* (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 5 : CATALYTIC REFORMING AND ISOMERIZATION					P13.1
System 2 : PLATFORMER UNIT #70 HEATERS					
HEATER, 70-H-1/2/3, PROCESS GAS, REFINERY GAS, BASED ON FUEL HHV OF 1199 BTU/SCF, WITH LOW NOX BURNER, 258 MMBTU/HR WITH A/N: 348435 Permit to Construct Issued: 10/29/99 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-10W, 23 BURNERS, WITH LOW NOX BURNER	D74	D68 D69 D71 D932 D934 D935 D940 D941 D942 D943	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [**RULE 407,4-2-1982]** ; **NOX:** 10.5 LBS/HR (7) [**RULE 2005,5-6-2005]** ; **PM:** (9) [**RULE 404,2-7-1986]** **PM:** 0.1 GRAINS/SCF (5) [**RULE 409,8-7-1981]**	A63.5, A229.2, B61.1, B61.2, C1.16, D90.3, D90.13, D182.3, D182.5, H23.5
Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
System 1 : ALKYLATION UNIT #68					S4.4, S13.2, S15.5, S15.12, S31.5
VESSEL, ACID RELIEF KNOCK-OUT, 68-V-4A, LENGTH: 40 FT; DIAMETER: 13 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D947				
VESSEL, RECEIVER, DEPROPANIZER, 68-V-12, HEIGHT: 22 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D948				

* (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
DRUM, REFRIGERANT SURGE, 68-V-1 R, LENGTH: 19 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1483				
VESSEL, FIELD BUTANE DRIER, 68-V-2, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1484				
TANK, HOLDING, 68-V-3, ACID, HEIGHT: 60 FT; DIAMETER: 12 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D77				
VESSEL, RECEIVER, ISOSTRIPPER SIDECUT, 68-V-5, LENGTH: 40 FT; DIAMETER: 12 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D78				
COLUMN, ISO STRIPPER, 68-V-6, HEIGHT: 184 FT; DIAMETER: 13 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D79				
VESSEL, TREATER, BUTANE DEFLUORINATOR (ALUMINA TREATER), 68-V-7A, HEIGHT: 26 FT; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1485				

* (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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Process 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, TREATER, BUTANE KOH, 68-V-8, HEIGHT: 16 FT; DIAMETER: 8 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D81				
REGENERATOR, ACID, 68-V-9C, HEIGHT: 28 FT; DIAMETER: 3 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D82				
SETTLING TANK, DEPROPANIZER FEED, 68-V-10 R, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1486				
COLUMN, DEPROPANIZER, 68-V-11, HEIGHT: 87 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D84				
COLUMN, HF STRIPPER, 68-V-13, HEIGHT: 42 FT; DIAMETER: 4 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D85				
VESSEL, TREATER, 68-V-14A R, PROPANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 40 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1487				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, TREATER, PROPANE KOH, 68-V-15, HEIGHT: 16 FT; DIAMETER: 4 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D87				
VESSEL, TREATER, PROPANE KOH, 68-V-44, HEIGHT: 18 FT; DIAMETER: 4 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1511				
TANK, SURGE, 68-V-16, POLYMER, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D88				
VESSEL, COALESCER, 68-V-23 R, LENGTH: 8 FT 3 IN; DIAMETER: 1 FT 8 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1488				
VESSEL, 68-V-2B R, FIELD BUTANE DRIER, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1489				
VESSEL, TREATER, 68-V-7B R, BUTANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 26 FT; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1490				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, TREATER, 68-V-14B R, PROPANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 40 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1491				
SETTLING TANK, ACID, 68-V-60, HEIGHT: 61 FT 6 IN; DIAMETER: 22 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1493				
PUMP, HF ACID EVACUATION, 68-P-16, 75 HP, WITH VENTED SEAL AND SEAL POT A/N: 416622 Permit to Construct Issued: 12/16/04	D1011	D949			D238.1
REACTOR, HF ACID, 68-E-32, NO. A, WITH TWO SHELL AND TUBE TYPE HEAT EXCHANGERS (68-E-72A & 68-E-72B) A/N: 416622 Permit to Construct Issued: 12/16/04	D1494				D238.1
REACTOR, HF ACID, 68-E-33, NO. B, WITH SHELL AND TUBE TYPE HEAT EXCHANGERS (68-E-72C & 68-E-72D) A/N: 416622 Permit to Construct Issued: 12/16/04	D1495				D238.1
KNOCK OUT POT, 68-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D949	D1011			

* (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

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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, POLYMER NEUTRALIZER, 68-V-17, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D89				
SCRUBBER, 68-V-20, ACID RELIEF GAS, HEIGHT: 46 FT; DIAMETER: 12 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D90	D950 D1288			
DRUM, NEUTRALIZING, 68-V-19, LENGTH: 20 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D950	D90			
TANK, KOH REGENERATION, 68-V-22, HEIGHT: 23 FT; DIAMETER: 8 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D952				
SCRUBBER, 68-V-24A, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D953	D1289			
SCRUBBER, 68-V-24B, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D954	D1289			
EJECTOR, 68-EJ-2, NEUTRALIZING DRUM A/N: 416622 Permit to Construct Issued: 12/16/04	D1288	D90			

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
EJECTOR, 68-EJ-3, LIME ADDITION A/N: 416622 Permit to Construct Issued: 12/16/04	D1289	D953 D954			
VESSEL, ACID RERUN, 68-V-30, HEIGHT: 30 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1496				
ACCUMULATOR, RERUN OVERHEAD, 68-V-31, LENGTH: 16 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1497				
DRUM, WATER KNOCK-OUT, 68-V-32, LENGTH: 5 FT; DIAMETER: 2 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1498				
VESSEL, ASO DECANTER, 68-V-33, HEIGHT: 12 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1499				
DRUM, RECYCLE ADDITIVE SURGE, 68-V-34, LENGTH: 24 FT; DIAMETER: 9 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1500				
COLUMN, WATER WASH, 68-V-35, HEIGHT: 60 FT; DIAMETER: 9 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1501				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
ACCUMULATOR, EVAPORATOR COLUMN REFLUX, 68-V-36, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1502				
COLUMN, EVAPORATOR, 68-V-37, HEIGHT: 44 FT; DIAMETER: 2 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1503				
COLUMN, ADDITIVE DRYING, 68-V-38, HEIGHT: 25 FT; DIAMETER: 1 FT 8 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1504				
TANK, EXPORT ADDITIVE, 68-V-39, LENGTH: 24 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1505				
TANK, SURGE, 68-V-40, TEMPERED WATER, HEIGHT: 21 FT; DIAMETER: 7 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1506				
VESSEL, EVAPORATOR COLUMN REBOILER COND-POT, 68-V-41, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1507				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, ASO WASHER, 68-V-42, LENGTH: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1508				
VESSEL, ACID EVACUATION, 68-V-59, LENGTH: 60 FT; DIAMETER: 18 FT A/N: 416622 Permit to Construct Issued: 12/16/04	D1509				
STORAGE TANK, 68-V-43, ASO PRODUCT, LENGTH: 33 FT; DIAMETER: 16 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04	D1510			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
EJECTOR, HYDROCARBON/ACID, 68-EJ-4 A/N: 416622 Permit to Construct Issued: 12/16/04	D1512				
EJECTOR, ACID VAPORIZER, 68-EJ-5 A/N: 416622 Permit to Construct Issued: 12/16/04	D1513				
EJECTOR, HF ACID ANALYZER, 68-EJ-6 A/N: 416622 Permit to Construct Issued: 12/16/04	D1514				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416622 Permit to Construct Issued: 12/16/04	D1333			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
System 3 : BUTAMER UNIT #69					S4.4, S13.2, S15.5, S15.12, S31.5
VESSEL, BUTANE DRYER, 69-V-1A, HEIGHT: 32 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D1515				
VESSEL, COALESCER, 69-V-2, LENGTH: 11 FT; DIAMETER: 4 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D1516				
TANK, FEED, 69-V-3, LENGTH: 22 FT 6 IN; DIAMETER: 8 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D101				
TANK, HOLDING, 69-V-4, PERCHLOROETHYLENE, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D102				
REACTOR, 69-V-5A, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D1517				
VESSEL, SEPARATOR, 69-V-6, HEIGHT: 16 FT; DIAMETER: 5 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D104				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, MAKE UP GAS DRIER, 69-V-7A, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D105				
COLUMN, 69-V-8, STABILIZER, IN TWO SECTIONS, HEIGHT: 82 FT; DIAMETER: 6 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D106				
VESSEL, RECEIVER, STABILIZER, 69-V-9, LENGTH: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D107				
SCRUBBER, STABILIZER GAS, 69-V-10, HEIGHT: 30 FT 6 IN; DIAMETER: 5 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D108				
VESSEL, BUTANE DRIER, 69-V-1B, HEIGHT: 32 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D1518				
REACTOR, 69-V-5B, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04	D1519				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 7 : ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, MAKE UP GAS DRIER, 69-V-7B, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D113				
COMPRESSOR, RECYCLE GAS, 69-C-1 A/N: 416626 Permit to Construct Issued: 12/16/04	D557				
COLUMN, DEISOBUTANIZER (DIB), 69-V-11, HEIGHT: 175 FT; DIAMETER: 11 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D788				
ACCUMULATOR, DIB OVERHEAD, 69-V-12, LENGTH: 31 FT 6 IN; DIAMETER: 10 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04	D789				
EJECTOR, 69-EJ-1, STEAM JET A/N: 416626 Permit to Construct Issued: 12/16/04	D1290				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416626 Permit to Construct Issued: 12/16/04	D1334			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16

* (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
ULTRAMAR INC (NSR USE ONLY)

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 8 : GAS PRODUCTION					P13.1
System 3 : FCCU GAS PLANT/LPG PREFRACTIONATION DRYING SECTION					S4.3, S13.2, S15.5, S15.12, S31.2
VESSEL, EXTRACTOR, 63-V-15A, MOLECULAR SIEVE DRYER, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 370041 Permit to Construct Issued: 03/02/01	D1402				
VESSEL, EXTRACTOR, 63-V-15B, MOLECULAR SIEVE DRYER, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 370041 Permit to Construct Issued: 03/02/01	D1403				
VESSEL, COALESCER, 63-V-16, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 370041 Permit to Construct Issued: 03/02/01	D1404				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 370041 Permit to Construct Issued: 03/02/01	D1338			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	
VESSEL, COALESCER, 63-V-13, DRYING COLUMN, LENGTH: 8 FT 8 IN; DIAMETER: 2 FT 6 IN A/N: 370041 Permit to Construct Issued: 03/02/01	D828				
DRAIN SYSTEM COMPONENT A/N: 370041 Permit to Construct Issued: 03/02/01	D1409			**HAP:** (10) **[40CFR 63 Subpart CC, #4,5-25-2001]**	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.)
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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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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 8 : GAS PRODUCTION					P13.1
System 4 : LIGHT ENDS VAPOR RECOVERY UNIT #43					S4.4, S13.2, S15.5, S15.12, S31.5
ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT; DIAMETER: 6 FT A/N: 416627 Permit to Construct Issued: 12/16/04	D123				
COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT; DIAMETER: 5 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04	D124				
ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 416627 Permit to Construct Issued: 12/16/04	D965				
DRUM, DEPROPANIZER FEED, 43-V-423, LENGTH: 21 FT; DIAMETER: 7 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04	D1524				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N: 416627 Permit to Construct Issued: 12/16/04	D125				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N: 416627 Permit to Construct Issued: 12/16/04	D126				

* (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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ULTRAMAR INC (NSR USE ONLY)

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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 8 : GAS PRODUCTION					P13.1
SCRUBBER, BUTANE CAUSTIC, 43-V-4001, HEIGHT: 30 FT; DIAMETER: 1 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04	D127				
VESSEL, COALESCER, 43-V-4002, HEIGHT: 28 FT; DIAMETER: 5 FT 8 IN A/N: 416627 Permit to Construct Issued: 12/16/04	D128				
VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 416627 Permit to Construct Issued: 12/16/04	D966				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416627 Permit to Construct Issued: 12/16/04	D1339			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.16
Process 10 : TREATING/STRIPPING					P13.1
System 8 : FIELD BUTANE CAUSTIC TREATING					S4.1, S4.2, S13.2, S15.5, S15.12
SCRUBBER, 64-V-6, CAUSTIC TREATING, HEIGHT: 21 FT; DIAMETER: 7 FT A/N: 416625 Permit to Construct Issued: 12/16/04	D1525				C1.35
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416625 Permit to Construct Issued: 12/16/04	D1348				H23.16

* (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
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Process 10 : TREATING/STRIPPING					P13.1
DRAIN SYSTEM COMPONENT A/N: 416625 Permit to Construct Issued: 12/16/04	D1638				H23.4
System 14 : STRIPPED SOUR WATER SELENIUM CONCENTRATION UNIT 52					
FILTER PACK, REVERSE OSMOSIS, STAGE 1, 13 VSEP MODULES, 52-ME-1 TO 13 A/N: 441204 Permit to Construct Issued: 02/22/06	D1597				
TANK, FIXED ROOF, 52-TK-7000, VSEP CONCENTRATE FEED TO VSEP SECOND STAGE, 7000 GALS; DIAMETER: 10 FT; HEIGHT: 12 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D1598			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
FILTER PACK, REVERSE OSMOSIS, STAGE 2, 4 VSEP MODULES, 52-ME-14 TO 17 A/N: 441204 Permit to Construct Issued: 02/22/06	D1599				
TANK, FIXED ROOF, 52-TK-7001, VSEP CONCENTRATE FEED TO VSEP THIRD STAGE, 7000 GALS; DIAMETER: 10 FT; HEIGHT: 12 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D1600			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
FILTER PACK, REVERSE OSMOSIS, STAGE 3, 1 VSEP MODULE, 52-ME-18 A/N: 441204 Permit to Construct Issued: 02/22/06	D1601				

* (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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ULTRAMAR INC (NSR USE ONLY)

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 10 : TREATING/STRIPPING					P13.1
TANK, FIXED ROOF, 52-TK-14000, VSEP PERMEATE WATER, 14000 GALS; DIAMETER: 13 FT; HEIGHT: 16 FT 9 IN A/N: 441204 Permit to Construct Issued: 02/22/06	D1602			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
TANK, FIXED ROOF, 95-TK-9014, VSEP PERMEATE, 35000 BBL; DIAMETER: 73 FT; HEIGHT: 48 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D202			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
TANK, FIXED ROOF, 52-TK-30000, VSEP CONCENTRATE, 30000 GALS; DIAMETER: 15 FT 6 IN; HEIGHT: 22 FT 9 IN A/N: 441204 Permit to Construct Issued: 02/22/06	D1603			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
TANK, FIXED ROOF, 52-TK-2500, VSEP CONCENTRATE FEED TO EVAPORATOR FIRST STAGE, 2500 GALS; DIAMETER: 8 FT; HEIGHT: 11 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D1604			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
EVAPORATOR, 52-TK-1, FIRST STAGE, VSEP CONCENTRATE WITH A/N: 441204 Permit to Construct Issued: 02/22/06 EJECTOR, 52-EJ-1	D1605				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 10 : TREATING/STRIPPING					P13.1
TANK, FIXED ROOF, 52-TK-2501, VSEP CONCENTRATE FEED TO EVAPORATOR SECOND STAGE, 2500 GALS; DIAMETER: 8 FT; HEIGHT: 11 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D1607			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	
EVAPORATOR, 52-TK-2, SECOND STAGE, VSEP CONCENTRATE WITH A/N: 441204 Permit to Construct Issued: 02/22/06 EJECTOR, 52-EJ-2	D1608				
STORAGE TANK, FIXED ROOF, 52-TK-13000, SELENIUM WASTE, 310 BBL; DIAMETER: 12 FT; HEIGHT: 17 FT A/N: 441204 Permit to Construct Issued: 02/22/06	D1610				
DRAIN SYSTEM COMPONENT A/N: 441204 Permit to Construct Issued: 02/22/06	D1611				H23.4, K171.4

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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
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
System 1 : SULFUR RECOVERY UNIT TRAIN #1					S13.2, S13.9, S13.10, S15.11, S18.6
DRUM, 40-V-08, REACTION FURANCE STEAM, LENGTH: 18 FT; DIAMETER: 3 FT A/N: 433985 Permit to Construct Issued: 04/29/05	D1264				
VESSEL, 40-V-04, SULFUR CONVERTER, THREE STAGES, LENGTH: 30 FT; DIAMETER: 8 FT A/N: 433985 Permit to Construct Issued: 04/29/05	D1265				
DRUM, 40-V-05, INTERMITTENT BLOWDOWN, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05	D1266				
FURNACE, 40-H-05, REACTION, SULFUR, DIAMETER: 8 FT; LENGTH: 14 FT 6 IN WITH A/N: 433985 Permit to Construct Issued: 04/29/05 BURNER, 40-SP-5, COPE, HYDROGEN SULFIDE, 57.81 MMBTU/HR BURNER, 40-H-02, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR	D1267	D179 D182 D200 D674 D675 D848 D849 D850 C1260 D1262 D1263 D1576			D182.6, E73.3, I331.1

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
BURNER, 40-H-03, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR BURNER, 40-H-04, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR					
BOILER, 40-B-01, WASTE HEAT, HYDROGEN SULFIDE, NON-FIRED TYPE, 57.81 MMBTU/HR A/N: 433985 Permit to Construct Issued: 04/29/05	D1268				
KNOCK OUT POT, AMMONIA ACID GAS, 40-V-02, LENGTH: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05	D177				
SCRUBBER, 40-V-09, AMINE ACID GAS, LENGTH: 36 FT 6 IN; DIAMETER: 3 FT A/N: 433985 Permit to Construct Issued: 04/29/05	D178	D779			
KNOCK OUT POT, SOUR WATER STRIPPER ACID GAS, 40-V-9-R1 A/N: 433985 Permit to Construct Issued: 04/29/05	D852				

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
KNOCK OUT POT, AMINE ACID GAS, 40-V-OX, HEIGHT: 10 FT; DIAMETER: 4 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05	D853				
BLOWER, RECYCLE, 40-BL-03 A/N: 433985 Permit to Construct Issued: 04/29/05	D854				
CONDENSER, 40-E-01, NO. 1, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05	D1410				
CONDENSER, 40-E-02, NO. 2, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05	D1411				
CONDENSER, 40-E-03, NO. 3, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05	D1412				
CONDENSER, 40-E-04, NO. 4, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05	D1413			**H2S:** 10 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **H2S:** 10 PPMV (5) **[RULE 468,10-8-1976]** ; **HAP:** (10) **[40CFR 63 Subpart UUU, #4,4-20-2006]** **REDUCED S:** 300 PPMV (8) **[40CFR 60 Subpart J,6-24-2008]** ; **SOX:** 500 PPMV (5) **[RULE 407,4-2-1982]**	

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433985 Permit to Construct Issued: 04/29/05	D1349				H23.17
System 2 : SULFUR RECOVERY UNIT TRAIN #2					S13.2, S13.9, S13.10, S15.11, S18.6
VESSEL, 40-V-54, SULFUR CONVERTER, THREE STAGES, HEIGHT: 30 FT; DIAMETER: 8 FT A/N: 433987 Permit to Construct Issued: 04/29/05	D1272				
DRUM, 40-V-55, INTERMITTENT BLOWDOWN, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05	D1273				
DRUM, 40-V-58, REACTION FURNACE STEAM, HEIGHT: 18 FT; DIAMETER: 3 FT A/N: 433987 Permit to Construct Issued: 04/29/05	D1274				
FURNACE, 40-H-55, REACTION, HYDROGEN SULFIDE, 57.81 MMBTU/HR WITH A/N: 433987 Permit to Construct Issued: 04/29/05	D1275	D179 D182 D200 D674 D675 D848 D849 D850 C1260 D1262 D1263 D1576			D182.6, E73.3, I331.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 11 : SULFUR PRODUCTION					P13.1
BURNER, 40-SP-55, COPE, HYDROGEN SULFIDE, DUIKER, MODEL 300, DIAMETER: 6 FT; LENGHT: 9 FT, 57.81 MMBTU/HR BURNER, 40-H-52, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR BURNER, 40-H-53, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR BURNER, 40-H-54, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR					
BOILER, 40-B-55, WASTE HEAT, NON-FIRED TYPE, HYDROGEN SULFIDE, DIAMETER: 4 FT 10 IN; LENGTH: 30 FT 6 IN, 57.81 MMBTU/HR A/N: 433987 Permit to Construct Issued: 04/29/05	D1279				
KNOCK OUT POT, AMMONIA ACID GAS, 40-V-52, LENGTH: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05	D180				

* (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
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Process 11 : SULFUR PRODUCTION					P13.1
SCRUBBER, 40-V-59, AMINE ACID GAS, LENGTH: 36 FT 6 IN; DIAMETER: 3 FT A/N: 433987 Permit to Construct Issued: 04/29/05	D181	D779			
KNOCK OUT POT, SOUR WATER STRIPPER ACID GAS, 40-V-59-R1 A/N: 433987 Permit to Construct Issued: 04/29/05	D858				
KNOCK OUT POT, AMINE ACID GAS, 40-V-5X, HEIGHT: 10 FT; DIAMETER: 4 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05	D859				
BLOWER, RECYCLE, 40-BL-53 A/N: 433987 Permit to Construct Issued: 04/29/05	D860				
CONDENSER, 40-E-51, NO. 1, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05	D1414				
CONDENSER, 40-E-52, NO. 2, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05	D1415				
CONDENSER, 40-E-53, NO. 3, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05	D1416				

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Process 11 : SULFUR PRODUCTION					P13.1
CONDENSER, 40-E-54, NO. 4, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05	D1417			**H2S:** 10 PPMV (8) [**40CFR 60 Subpart J,6-24-2008**] ; **H2S:** 10 PPMV (5) [**RULE 468,10-8-1976**] ; **HAP:** (10) [**40CFR 63 Subpart UUU, #4,4-20-2006**] **REDUCED S:** 300 PPMV (8) [**40CFR 60 Subpart J,6-24-2008**] ; **SOX:** 500 PPMV (5) [**RULE 407,4-2-1982**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433987 Permit to Construct Issued: 04/29/05	D1350				H23.17
System 4 : TAIL GAS STANDBY, OXIDATION CONTROL					S13.11, S18.7
OXIDIZER, THERMAL, 41-IN-02, SULFUR RECOVERY UNIT, REFINERY GAS, 35.8 MMBTU/HR WITH A/N: 327327 Permit to Construct Issued: 05/06/98 BURNER, PCC/BLOOM, MODEL S-1160-280, SWIRL TYPE BAFFLE BURNER, WITH LOW NOX BURNER, STAGED COMBUSTION, 35.8 MMBTU/HR	C1260	D179 D182 D200 D674 D675 D848 D849 D850 D1262 D1263 D1267 D1275 D1576	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**]	C8.1, C8.2, D29.11, D182.2, D328.1, E71.3, E71.4

* (1)(1A)(1B) Denotes RECLAIM emission factor
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Process 11 : SULFUR PRODUCTION					P13.1
System 6 : LIQUID SULFUR STORAGE					S15.8, S15.13
PIT, 40-TK-01, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: 433988 Permit to Construct Issued: 04/29/05	D179	C1260 D1267 D1275		**H2S:** 10 PPMV (5) [**RULE 468,10-8-1976]**	E73.2, E73.4
PIT, 40-TK-51, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: 433989 Permit to Construct Issued: 04/29/05	D182	C1260 D1267 D1275		**H2S:** 10 PPMV (5) [**RULE 468,10-8-1976]**	E73.2, E73.4
STORAGE TANK, FIXED ROOF, 40-TK-2, SULFUR, HEIGHT: 32 FT; DIAMETER: 38 FT A/N: 433990 Permit to Construct Issued: 04/29/05	D848	C1260 D1267 D1275			E73.2, E73.4
System 7 : SULFUR VCS SERVING STORAGE TANK, PITS AND LOADING RACK					S15.8, S15.13
EJECTOR, 40-EJ-01, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990 Permit to Construct Issued: 04/29/05	D849	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-02, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990 Permit to Construct Issued: 04/29/05	D850	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-03R, SERVING TRUCK LOADING RACK, VENTED TO FRONT END OF SRU A/N: 433991 Permit to Construct Issued: 04/29/05	D1262	C1260 D1267 D1275			H23.1

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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
(10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : SULFUR PRODUCTION					P13.1
EJECTOR, 40-EJ-04A, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433988 Permit to Construct Issued: 04/29/05	D1263	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-04B, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433989 Permit to Construct Issued: 04/29/05	D1576	C1260 D1267 D1275			H23.1
System 38 : TAIL GAS UNIT 38, REDUCTION CONTROL					S4.5, S13.8, S15.6, S15.8, S18.10
REACTOR, 41-V-03, HYDROGENATION, SRU TRAIN 1, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D674	C1260 D1267 D1275			D12.4, I331.1
REACTOR, 41-V-53, HYDROGENATION, SRU TRAIN 2, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D675	C1260 D1267 D1275			D12.4, I331.1
SCRUBBER, 41-V-5, AMINE, HEIGHT: 50 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D142				D82.2, E73.3, I331.1

* (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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ULTRAMAR INC (NSR USE ONLY)

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 : SULFUR PRODUCTION					P13.1
COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D1255				
REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 337582 Permit to Construct Issued: 07/27/99	D650				E336.3
TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D651				
VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D1256				
CONDENSER, 46-E-4011, REGENERATOR OVERHEAD, FIN-FAN TYPE A/N: 337582 Permit to Construct Issued: 07/27/99	D1281				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 337582 Permit to Construct Issued: 07/27/99	D1351				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : SULFUR PRODUCTION					P13.1
CONDENSER, DESUPERHEATER/CONTACT, 41-V-51, HEIGHT: 54 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D1473				
System 39 : TAIL GAS UNIT 39, REDUCTION CONTROL					S13.8, S15.6, S15.8, S18.10
REACTOR, 41-V-03, HYDROGENATION, SRU TRAIN 1, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D674	C1260 D1267 D1275			D12.4, I331.1
REACTOR, 41-V-53, HYDROGENATION, SRU TRAIN 2, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D675	C1260 D1267 D1275			D12.4, I331.1
ABSORBER, 39-V-2, AMINE, HEIGHT: 42 FT; DIAMETER: 7 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D148			**CO:** 2000 PPMV (5) **[RULE 407,4-2-1982]**	D82.2, E73.3, I331.1

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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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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : LOADING/UNLOADING					P13.1
System 4 : TANK TRUCK BULK LOADING					
LOADING ARM, BOTTOM, TANK TRUCK, LIGHT CYCLE OIL, JET A (AVIATION), DECANT OIL, DIESEL FUEL, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 16 TOTAL; DIAMETER: 4 IN A/N: 451450 Permit to Construct Issued: 11/21/08	D197	D198			C1.42, I30.1
TANK, VAPOR RECOVERY DROP OUT, 53-V-2, WIDTH: 4 FT; HEIGHT: 6 FT; LENGTH: 5 FT A/N: 451450 Permit to Construct Issued: 11/21/08	D198	D197 C1029			I30.1
SUMP, 94-SMP-1, CRUDE TANK DRAW OFF, WASTE WATER, COVERED, WIDTH: 10 FT; DEPTH: 10 FT; LENGTH: 10 FT A/N: 451450 Permit to Construct Issued: 11/21/08	D199				I30.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 451450 Permit to Construct Issued: 11/21/08	D1626				H23.17, I30.1
System 5 : SULFUR TANK TRUCK AND TANK CAR LOADING					
LOADING ARM, DOUBLE PIPE JACKETED ARM, WITH VAPOR RETURN LINE, SULFUR, VENTED TO FRONT END OF SRU A/N: 433991 Permit to Construct Issued: 04/29/05	D200	C1260 D1267 D1275			E73.2, E73.4

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(3) Denotes RECLAIM concentration limit
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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
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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : OIL/WATER SEPARATION					
System 1 : WASTE WATER TREATMENT SYSTEM					S4.3, S13.7, S15.5, S15.12
SUMP, 95-SMP-1, DIVERSION BOX, FIXED COVER, VENTED TO VAPOR RECOVERY SYSTEM, WIDTH: 21 FT 6 IN; DEPTH: 12 FT; HEIGHT: 34 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D201	D1235 D1236		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25
SUMP, 95-SMP-2, TREATED EFFLUENT SUMP (TES), EFFLUENT WATER, FIXED COVER, 28426 GALS; WIDTH: 14 FT; DEPTH: 10 FT; LENGTH: 20 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D1618			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001A, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07	D209	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002 A, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07	D210			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
HOPPER, 95-ME-9004, FIXED COVER, SLUDGE A/N: 458073 Permit to Construct Issued: 06/21/07	D212	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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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
ULTRAMAR INC (NSR USE ONLY)

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 : OIL/WATER SEPARATION					
TANK, CENTRIFUGE FEED, 95-TK-9019, FIXED ROOF, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D213	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	H23.25
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001B, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07	D214	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002B, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07	D215			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
TANK, DESANDER, 95-TK-9021A, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D881	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
TANK, DESANDER, 95-TK-9021B, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D882	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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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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(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
ULTRAMAR INC (NSR USE ONLY)

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 : OIL/WATER SEPARATION					
SUMP, 83-SMP-3, CRUDE TANK DRAW-OFF, FIXED COVER, 13800 GALS; WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D999			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
TANK, 95-TK-9018, PPI SLUDGE BLOWDOWN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, 240 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D1000	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
CONVEYOR, SCREW, SLUDGE AUGUR, 2HP A/N: 458073 Permit to Construct Issued: 06/21/07	D1001				
MIXER, 95-ME-9004MX, SLUDGE A/N: 458073 Permit to Construct Issued: 06/21/07	D1002				
WASTE WATER SEPARATOR, 95-V-9004, INDUCED GAS FLOTATION UNIT(IGF), FIXED COVER, 1000GPM CAPACITY, FUEL GAS BLANKETED, LENGTH: 29 FT; DIAMETER: 6 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97	D1133			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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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
ULTRAMAR INC (NSR USE ONLY)

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 : OIL/WATER SEPARATION					
WASTE WATER SEPARATOR, 95-V-9003, INDUCED GAS FLOTATION UNIT(IGF), FIXED COVER, 1000 GPM CAPACITY, FUEL GAS BLANKETED, LENGTH: 29 FT; DIAMETER: 6 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97	D1003			**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, AIR FLOTATION UNIT(AFU), ME-900, FIXED COVER, SPARE, HEIGHT: 10 FT 1 IN; DIAMETER: 14 FT A/N: 323862 Permit to Construct Issued: 05/01/97	D1006			**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) [**40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	
WASTE WATER SEPARATOR, API, 95-ME-9008, FIXED COVER, WITH FUEL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, 1.44E+06 GALS/DAY; WIDTH: 10 FT; HEIGHT: 7 FT 1 IN; LENGTH: 79 FT A/N: 323862 Permit to Construct Issued: 05/01/97	D1224			**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) [**40CFR 63 Subpart CC, #2,5-25-2001]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	E57.1, H116.1
TANK, 95-TK-9028, FIXED ROOF, DRY OIL, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 323862 Permit to Construct Issued: 05/01/97	D1225			**BENZENE:** (10) [**40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) [**40CFR 61 Subpart FF,12-4-2003]**	E57.1

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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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ULTRAMAR INC (NSR USE ONLY)

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 13 : OIL/WATER SEPARATION					
TANK, 95-TK-9029, FIXED ROOF, SCUM, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT; DIAMETER: 3 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97	D1226			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	E57.1
TANK, 95-TK-9030, FIXED ROOF, RECOVERED WATER, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT; DIAMETER: 6 FT A/N: 323862 Permit to Construct Issued: 05/01/97	D1227			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	E57.1
KNOCK OUT POT, 95-V-9004, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 1 FT 6 IN A/N: 458073 Permit to Construct Issued: 06/21/07	D1234				
TANK, 95-TK-9020, OIL DRAIN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D1240	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	
TANK, 95-TK-9022, OIL DRAIN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 458073 Permit to Construct Issued: 06/21/07	D1241	D1235		**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **VOC:** 500 PPMV (8) **[40CFR 61 Subpart FF,12-4-2003]**	

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ULTRAMAR INC (NSR USE ONLY)

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 : OIL/WATER SEPARATION					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458073 Permit to Construct Issued: 06/21/07	D1353			**HAP:** (10) **[40CFR 63 Subpart CC, #5A,5-25-2001]**	H23.17
DRAIN SYSTEM COMPONENT A/N: 458073 Permit to Construct Issued: 06/21/07	D1405			**BENZENE:** (10) **[40CFR 61 Subpart FF_01,12-4-2003]** ; **HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	H23.25
Process 14 : STORAGE TANKS					P13.1
System 2 : EXTERNAL FLOATING ROOF TANKS					S13.5
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-2, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450532 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D269			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.12, H23.6, K171.3

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(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 14 : STORAGE TANKS					P13.1
GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-4, WELDED SHELL, 50000 BBL; DIAMETER: 91 FT; HEIGHT: 48 FT WITH A/N: 450533 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D271			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	B22.7, C1.18, H23.6, K171.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-903, WELDED SHELL, 35000 BBL; DIAMETER: 71 FT; HEIGHT: 52 FT WITH A/N: 450534 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D278			**HAP:** (10) **[40CFR 63 Subpart CC, #2,5-25-2001]**	K67.6, K171.3
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-9, RAFFINATE, ALKYLATE, GASOLINE, MTBE, WELDED SHELL, 100000 BBL; DIAMETER: 130 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450535 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC	D448			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.29, C1.30, H23.11, K171.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : STORAGE TANKS					P13.1
FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9030, NAPHTHA, GAS OIL, GASOLINE, CRUDE, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: 450536 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE	D864			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.8, H23.11, K171.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : STORAGE TANKS					P13.1
SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9031, NAPHTHA, GAS OIL, CRUDE, GASOLINE, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: 450538 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D868			**HAP:** (10) **[40CFR 63 Subpart CC, #3A,5-25-2001]**	C1.8, H23.11, K171.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : STORAGE TANKS					P13.1
System 5 : PRESSURE TANKS, BUTANE STORAGE					S4.4, S13.4, S15.12, S31.5
STORAGE TANK, PRESSURIZED, 81-V-9, BUTANE, SPHERICAL, 5000 BBL; DIAMETER: 38 FT A/N: 416633 Permit to Construct Issued: 12/16/04	D1547				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416633 Permit to Construct Issued: 12/16/04	D1548				H23.16
Process 15 : STEAM GENERATION					
System 4 : BOILER					S4.4, S31.5
BOILER, 86-B-9002, REFINERY GAS, RENTECH BOILER SYSTEMS, MODEL BAF-200/250, 245 MMBTU/HR WITH A/N: 416628 Permit to Construct Issued: 12/16/04	D1550	C1551	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO:** 2000 PPMV (5) [**RULE 407,4-2-1982]** ; **CO:** 50 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)–BACT,12-6-2002*] **NOX:** 9 PPMV (4) [**RULE 2005,5-6-2005]** ; **NOX:** 7 PPMV(Monthly) (4) [**RULE 2005,5-6-2005]** ; **NOX:** 0.035 LBS/MMBTU REFINERY GAS (1) [**RULE 2012,5-6-2005]**	A1.2, A99.6, A99.7, A99.8, A195.1, B61.1, B61.2, D29.9, D29.10, D82.5, D90.3, H23.5, H23.28, K67.10

* (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

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : STEAM GENERATION					
BURNER, REFINERY GAS, COEN, MODEL DAF-42, WITH LOW NOX BURNER, 245 MMBTU/HR				**PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **SOX:** 16.9 LBS/MMSCF REFINERY GAS (1) **[RULE 2011,5-6-2005]**	
VESSEL, DEAERATOR, 86-V-1, HEIGHT: 10 FT; DIAMETER: 7 FT A/N: 416628 Permit to Construct Issued: 12/16/04	D1552				
DRUM, BOILER BLOWDOWN, 86-V-2, LENGTH: 6 FT; DIAMETER: 4 FT A/N: 416628 Permit to Construct Issued: 12/16/04	D1553				
TANK, OXYGEN SCAVENGER, 86-TK-2, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04	D1554				
TANK, DISPERSENT/POLYMER, 86-TK-3, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04	D1555				
TANK, AMINE, 86-TK-4, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04	D1556				

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 : STEAM GENERATION					
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER 86-B-9002, RENTECH BOILER SYSTEMS, CORMETECH, 225 CU.FT. WITH A/N: 416629 Permit to Construct Issued: 12/16/04 AMMONIA INJECTION	C1551	D1550		**NH3:** 20 PPMV (4) [**RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002*]	A1.3, D28.4, E73.1, K171.1
Process 17 : AIR POLLUTION CONTROL					
System 1 : VAPOR RECOVERY UNIT					S4.8, S15.6, S18.2
KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT; DIAMETER: 6 FT A/N: 421771 Permit to Construct Issued: 12/16/04	D398				
COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N: 421771 Permit to Construct Issued: 12/16/04	D548				
KNOCK OUT POT, STANDBY COMPRESSOR DISCHARGE, 93-V-9003, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 421771 Permit to Construct Issued: 12/16/04	C397				
KNOCK OUT POT, SUCTION, 93-V-9005, LENGTH: 12 FT; DIAMETER: 6 FT A/N: 421771 Permit to Construct Issued: 12/16/04	C394				

* (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
ULTRAMAR INC (NSR USE ONLY)

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 17 : AIR POLLUTION CONTROL					
KNOCK OUT POT, FIRST STAGE, 93-V-9006, LENGTH: 10 FT; DIAMETER: 4 FT 6 IN A/N: 421771 Permit to Construct Issued: 12/16/04	C395				
COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N: 421771 Permit to Construct Issued: 12/16/04	D549				
VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: 421771 Permit to Construct Issued: 12/16/04	D396				
EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N: 421771 Permit to Construct Issued: 12/16/04	D1299				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 421771 Permit to Construct Issued: 12/16/04	D872				H23.17
System 46 : AMINE REGENERATION UNIT 46					S13.2, S15.4, S15.12
REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 337582 Permit to Construct Issued: 07/27/99	D650				E336.3

* (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
ULTRAMAR INC (NSR USE ONLY)

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 17 : AIR POLLUTION CONTROL					
TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D651				
COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D1255				
VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 337582 Permit to Construct Issued: 07/27/99	D1256				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 337582 Permit to Construct Issued: 07/27/99	D1368				H23.17
Process 19 : PETROLEUM MISCELLANEOUS					
System 1 : FUEL DISPENSING STATION					
FUEL DISPENSING NOZZLE, VST PHASE II EVR W/O ISD: VR-203, TWO, GASOLINE A/N: 493022 Permit to Construct Issued: 03/17/09	D983			**ROG:** (9) [*RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II,3-7-2008*]	D330.1, I30.1
FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, TWO, DIESEL FUEL A/N: 493022 Permit to Construct Issued: 03/17/09	D984				I30.1

* (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
ULTRAMAR INC (NSR USE ONLY)

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 : PETROLEUM MISCELLANEOUS					
STORAGE TANK, UNDERGROUND, DUAL COMPARTMENT, DIESEL, 8000 GALS, GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM PHIL-TITE (VR-101-D), 12000 GALS A/N: 493022 Permit to Construct Issued: 03/17/09	D990			**ROG:** (9) [*RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II,3-7-2008*]	C1.36, C1.37, I30.1

* (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
ULTRAMAR INC (NSR USE ONLY)

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
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D35	1	3	1
D36	1	3	1
D37	2	3	1
D43	5	4	1
D44	5	4	1
D45	7	4	1
D46	6	4	1
D47	6	4	1
D49	7	4	1
D50	7	4	1
D51	6	4	1
D61	8	4	7
D62	11	5	1
D65	11	5	1
D66	11	5	1
D68	12	5	1
D69	12	5	1
D70	12	5	1
D71	12	5	1
D72	12	5	1
D74	17	5	2
D77	18	7	1
D78	18	7	1
D79	18	7	1
D81	19	7	1
D82	19	7	1
D84	19	7	1
D85	19	7	1
D87	20	7	1
D88	20	7	1
D89	22	7	1
D90	22	7	1
D101	26	7	3
D102	26	7	3
D104	26	7	3
D105	27	7	3

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D106	27	7	3
D107	27	7	3
D108	27	7	3
D113	28	7	3
D123	30	8	4
D124	30	8	4
D125	30	8	4
D126	30	8	4
D127	31	8	4
D128	31	8	4
D142	43	11	38
D148	45	11	39
D177	36	11	1
D178	36	11	1
D179	42	11	6
D180	39	11	2
D181	40	11	2
D182	42	11	6
D197	46	12	4
D198	46	12	4
D199	46	12	4
D200	46	12	5
D201	47	13	1
D202	33	10	14
D209	47	13	1
D210	47	13	1
D212	47	13	1
D213	48	13	1
D214	48	13	1
D215	48	13	1
D269	52	14	2
D271	53	14	2
D278	54	14	2
C394	59	17	1
C395	60	17	1
D396	60	17	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
C397	59	17	1
D398	59	17	1
D423	8	4	7
D424	9	4	7
D425	9	4	7
D426	9	4	7
D427	9	4	7
D428	9	4	7
D448	54	14	2
D548	59	17	1
D549	60	17	1
D553	5	4	1
D554	12	5	1
D555	12	5	1
D556	13	5	1
D557	28	7	3
D593	9	4	7
D594	10	4	7
D595	10	4	7
D596	10	4	7
D598	10	4	7
D650	60	17	46
D650	44	11	38
D651	61	17	46
D651	44	11	38
D674	43	11	38
D674	45	11	39
D675	43	11	38
D675	45	11	39
D788	28	7	3
D789	28	7	3
D828	29	8	3
D848	42	11	6
D849	42	11	7
D850	42	11	7
D852	36	11	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D853	37	11	1
D854	37	11	1
D858	40	11	2
D859	40	11	2
D860	40	11	2
D864	55	14	2
D868	56	14	2
D872	60	17	1
D881	48	13	1
D882	48	13	1
D918	5	4	1
D919	5	4	1
D920	7	4	1
D921	7	4	1
D925	13	5	1
D926	13	5	1
D927	13	5	1
D930	13	5	1
D931	13	5	1
D932	13	5	1
D933	14	5	1
D934	14	5	1
D935	14	5	1
D936	14	5	1
D937	14	5	1
D938	15	5	1
D939	15	5	1
D940	15	5	1
D941	15	5	1
D942	15	5	1
D943	15	5	1
D944	15	5	1
D945	16	5	1
D946	16	5	1
D947	17	7	1
D948	17	7	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D949	21	7	1
D950	22	7	1
D952	22	7	1
D953	22	7	1
D954	22	7	1
D965	30	8	4
D966	31	8	4
D983	61	19	1
D984	61	19	1
D990	62	19	1
D999	49	13	1
D1000	49	13	1
D1001	49	13	1
D1002	49	13	1
D1003	50	13	1
D1006	50	13	1
D1011	21	7	1
D1023	2	3	1
D1024	2	3	1
D1057	8	4	1
D1058	8	4	1
D1133	49	13	1
D1212	16	5	1
D1213	16	5	1
D1214	16	5	1
D1224	50	13	1
D1225	50	13	1
D1226	51	13	1
D1227	51	13	1
D1234	51	13	1
D1240	51	13	1
D1241	51	13	1
D1247	2	3	1
D1249	2	3	1
D1255	61	17	46
D1255	44	11	38

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1256	61	17	46
D1256	44	11	38
C1260	41	11	4
D1262	42	11	7
D1263	43	11	7
D1264	35	11	1
D1265	35	11	1
D1266	35	11	1
D1267	35	11	1
D1268	36	11	1
D1272	38	11	2
D1273	38	11	2
D1274	38	11	2
D1275	38	11	2
D1279	39	11	2
D1281	44	11	38
D1288	22	7	1
D1289	23	7	1
D1290	28	7	3
D1299	60	17	1
D1321	2	3	1
D1323	8	4	1
D1328	11	4	7
D1331	16	5	1
D1333	25	7	1
D1334	28	7	3
D1338	29	8	3
D1339	31	8	4
D1348	31	10	8
D1349	38	11	1
D1350	41	11	2
D1351	44	11	38
D1353	52	13	1
D1368	61	17	46
D1381	6	4	1
D1382	5	4	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1383	6	4	1
D1384	7	4	1
D1385	6	4	1
D1402	29	8	3
D1403	29	8	3
D1404	29	8	3
D1405	52	13	1
D1409	29	8	3
D1410	37	11	1
D1411	37	11	1
D1412	37	11	1
D1413	37	11	1
D1414	40	11	2
D1415	40	11	2
D1416	40	11	2
D1417	41	11	2
D1464	8	4	7
D1465	10	4	7
D1466	11	4	7
D1467	11	4	7
D1473	45	11	38
D1481	10	4	7
D1482	10	4	7
D1483	18	7	1
D1484	18	7	1
D1485	18	7	1
D1486	19	7	1
D1487	19	7	1
D1488	20	7	1
D1489	20	7	1
D1490	20	7	1
D1491	21	7	1
D1493	21	7	1
D1494	21	7	1
D1495	21	7	1
D1496	23	7	1

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1497	23	7	1
D1498	23	7	1
D1499	23	7	1
D1500	23	7	1
D1501	23	7	1
D1502	24	7	1
D1503	24	7	1
D1504	24	7	1
D1505	24	7	1
D1506	24	7	1
D1507	24	7	1
D1508	25	7	1
D1509	25	7	1
D1510	25	7	1
D1511	20	7	1
D1512	25	7	1
D1513	25	7	1
D1514	25	7	1
D1515	26	7	3
D1516	26	7	3
D1517	26	7	3
D1518	27	7	3
D1519	27	7	3
D1524	30	8	4
D1525	31	10	8
D1547	57	14	5
D1548	57	14	5
D1550	57	15	4
C1551	59	15	4
D1552	58	15	4
D1553	58	15	4
D1554	58	15	4
D1555	58	15	4
D1556	58	15	4
D1566	3	3	5
C1567	4	3	5

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1568	4	3	6
C1569	4	3	6
D1576	43	11	7
D1597	32	10	14
D1598	32	10	14
D1599	32	10	14
D1600	32	10	14
D1601	32	10	14
D1602	33	10	14
D1603	33	10	14
D1604	33	10	14
D1605	33	10	14
D1607	34	10	14
D1608	34	10	14
D1610	34	10	14
D1611	34	10	14
C1615	3	3	3
D1618	47	13	1
D1626	46	12	4
D1638	32	10	8

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F8.1 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

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]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

Total Reduced Sulfur

H2S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

a. Implementation of an inspection and maintenance program for all odor sources.

b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.

c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.

d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.

e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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]

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**; RULE 2004, 4-6-2007]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

F34.2 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]

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

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

[**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):

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

40CFR63, Subpart GGGGG

[40CFR 60 Subpart A, 5-16-2007; **40CFR 61 Subpart A, 5-16-2007**; **40CFR 63 Subpart A, 5-16-2007**; **40CFR 63 Subpart GGGGG, 11-29-2006]**

F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE Civil No. SA-05-CA-0569. The facility shall send the District a copy of the semiannual update report sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree. This report shall also identify any anticipated future requirements known as of the date of the report and dates of compliance for the requirements.

[CONSENT DECREE VALERO, 6-16-2005]

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
ULTRAMAR INC (NSR USE ONLY)

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
Benzene	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

S1.1 The operator shall limit the throughput to no more than 650000 ton(s) in any one year.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 30 LBS IN ANY ONE DAY
CO	Less than or equal to 26 LBS IN ANY ONE DAY
PM	Less than or equal to 90 LBS IN ANY ONE DAY

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors for Heater 56-H-1: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors for Heater 56-H-2: ROG: 7.0 lbs/mmscf; CO: 4.1 lbs/mmscf; and PM: 21 lbs/mmscf

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 10, System 8]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All new open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

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

All new process drains shall be equipped with P-trap or seal pot.

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

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 8, System 3; Process 10, System 2; Process 13, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **40CFR 60 Subpart GGG, 6-2-2008**; **40CFR 60 Subpart QQQ, 10-17-2000**]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.5 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 11, System 38]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, except in the following applications: 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 limitation.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 4, System 5; Process 10, System 1 , 10 , 11]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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 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 applications: 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.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **40CFR 60 Subpart GGG, 6-2-2008**]

[Systems subject to this condition : Process 8, System 1 , 2]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S4.9 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):

All components are subject to District Rule 1173.

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 and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 7 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: 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), retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

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

S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 2, System 1 , 3]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 6 , 7]

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 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 11, System 1 , 2; Process 17, System 46 , 50 , 97]

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	1149
VOC	District Rule	463

[**RULE 104, 1-9-1976**; **RULE 1149, 7-14-1995**; **RULE 463, 5-6-2005**]

[Systems subject to this condition : Process 14, System 5]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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	463
VOC	District Rule	1149
VOC	District 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 14, System 1 , 2 , 7]

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	1176
VOC	40CFR60, SUBPART	QQQ
Benzene	40CFR61, SUBPART	FF

[**RULE 1176, 9-13-1996**; **40CFR 60 Subpart QQQ, 10-17-2000**; **40CFR 61 Subpart FF, 12-4-2003**]

[Systems subject to this condition : Process 13, System 1]

S13.8 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]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR60, SUBPART	J
H2S	40CFR60, SUBPART	J

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

[Systems subject to this condition : Process 11, System 1 , 2]

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

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR63, SUBPART	UUU

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 11, System 1 , 2]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S13.11 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

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determine independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S13.12 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 subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to 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 14, System 9]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR63, SUBPART	UUU
HCl 34.64 <<NH3 3,709	40CFR63, SUBPART	UUU

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

All coker blowdown 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

S15.3 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the sour gas treating unit(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 3 , 5; Process 4, System 1 , 3 , 5; Process 8, System 5]

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(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 1 , 5 , 6 , 11 , 12; Process 17, System 46]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 the vapor recovery system(s).

This process/system 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 system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 11 , 12; Process 13, System 1; Process 17, System 50 , 97]

S15.6 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.

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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39; Process 17, System 1]

S15.8 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 thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7 , 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S15.11 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 the tail gas treating unit(s).

This process/system shall not be operated unless the tail gas treating unit(s) 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

S15.12 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 vapor recovery system and/or blowdown flare system.

When the emergency vent gases are being directed to the blowdown vapor recovery system, this process/system shall not be operated unless the blowdown vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

When the emergency vent gases are being directed to the blowdown flare system, 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(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 13, System 1; Process 14, System 5 , 6; Process 17, System 46 , 50 , 88 , 97]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 vent gases under normal operating conditions shall be directed to the front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have a valid permit to receive vent gases from this system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

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:

Wastewater Treatment System (Process: 13, System: 1)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 11]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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:

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 1, 3, 5 & 7)

Storage Tanks (Process: 14, System: 5 and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

Fuel Gas Treating Unit (Process: 10, System: 13)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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:

Delayed Coking Units (Process: 2, System: 1 and 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

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:

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 12; Process 17, System 97]

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:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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:

Sour Water Stripping Units (Process: 10, System: 1, 5, and 6)

Amine Regeneration Unit (Process: 17, System: 46)

Amine Treating Units (Process: 10, System: 11 and 12)

Tail Gas Units (Process: 11, System: 38 and 39)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

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:

Tail Gas Units (Process: 11, System: 38 and 39)

Sulfur Vapor Collection System Serving Storage Tank, Pits and Loading Rack (Process: 11, System: 7)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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:

Sulfur Recovery Units (Process: 11, System: 1, 2, 6, 38, and 39)

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 3, 5 & 7)

Storage Tanks (Process: 14, System: 1, 5, and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 1, 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 3 , 13 , 14]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S18.9 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:

Pressurized Tanks, LPG (Process: 14, System: 3)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 2]

S18.10 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 Recovery Unit, Trains 1 & 2 (Process: 11, System: 1 and 2)

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

All valves shall be leakless valves 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The District shall approve all exceptions to this requirement.

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

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

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.

For application number 452241, the operator shall provide the following information to the District no later than 60 days after initial startup:

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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) 370041:

All valves shall be bellows sealed valves 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available (e.g. valves larger than 8", valves larger than 2" that require special alloys or connectors, etc.). The District shall approve all exceptions to this requirement.

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

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

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and,

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

All non-bellows seal valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

The leak rate from non-bellows seal valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 14 calendar days after detection of the leak.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 416627 (Unit 43), 416624 (Unit 56), 416622 (Unit 68), 416626 (Unit 69), 416633 (Unit 81-V-9) and 416628 (Unit 86-B-9003):

All open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

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

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

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

All 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 at the time of Permit to Construct issuance.

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, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane 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.

If 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: 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), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves 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 those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least two years, and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 14, System 7]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S42.1 The operator shall shall not operate the FCCU unless the operator complies with the requirements of the following rule by December 31, 2008:

Contaminant	Rule	Rule Number/Subpart
PM10	District Rule	1105.1
Ammonia (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).

a. Award all contracts to design the control technology selected for compliance with Rule 1105.1(d)(1) by September 15, 2006. Award all contracts to construct and install the control technology by July 1, 2007.

b. Submit information necessary for the preparation of the California Environmental Quality Act (CEQA) documents for equipment installation and modification for Rule 1105.1(d)(1) compliance, by August 15, 2006.

c. Submit complete applications for permits to construct the control technology selected for compliance with emission limits specified in Rule 1105.1(d)(1) by October 1, 2006. Upon receiving a letter from the AQMD deeming the applications completed by October 1, 2006, Ultramar will be considered in compliance with this requirement.

d. Begin construction of the control technology permitted by 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.

e. Complete demolition, site preparation and excavation no later than November 2, 2007.

f. Have available on-site, all components needed for the complete assembly of the technology selected, which is electrostatic precipitation, by June 1, 2008.

g. Start operation of the control equipment permitted to ensure compliance with Rule 1105.1(d)(1) by December 1, 2008.

h. Comply with Rule 1105.1(d)(1) no later than December 31, 2008.

[RULE 1105.1, 11-7-2003]

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

DEVICE CONDITIONS

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A. Emission Limits

A1.2 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

Emittant	Emission Limit Type	Averaging time (O2 Content)	Compliance Verification Method
CO	(5) - Command and Control	15 minute (3 percent oxygen)	Source Test
CO	(4)- BACT	1 hour (3 percent oxygen)	Certified CEMS
NOx	(4)- BACT	1 hour (3 percent oxygen)	Source Test, Certified CEMS
PM	(5) - Command and Control	1 hour (3 percent oxygen)	Source Test

The NOx BACT identified above applies only to the 9 PPM limit.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 2005, 5-6-2005**; **RULE 404, 2-7-1986**; **RULE 407, 4-2-1982**; **RULE 409, 8-7-1981**]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A1.3 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

Emittant	Emission Limit Type	Averaging time (O2 Content)	Compliance Verification Method
NH3	(4)- BACT	1 hour (3 percent oxygen)	Source Test

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1551]

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

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 2 LBS PER DAY
CO	Less than or equal to 1 LBS PER DAY

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D932]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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
CO	Less than or equal to 955 LBS PER DAY
PM	Less than or equal to 562 LBS PER DAY

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 180 LBS IN ANY ONE DAY
PM10	Less than or equal to 86 LBS IN ANY ONE DAY
ROG	Less than or equal to 15 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment device ID Nos. D74, D68, D69, D71, D934, D940, D941, D942, and D943.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A63.8 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 : D36]

A99.1 The 125 Lbs/hr NOX emission limit(s) shall only apply when the regenerator is using the oxygen injection system. This condition ensures that no increase in emissions occurs and that BACT is not triggered. Readings from the CEMS shall be used to demonstrate compliance.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D36]

A99.2 The 94.38 Lbs/hr SOX emission limit(s) shall only apply when the regenerator is using the oxygen injection system. This condition ensures that no increase in emissions occurs and that BACT is not triggered. Readings from the CEMS shall be used to demonstrate compliance.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D36]

A99.6 The 9 PPM NOX emission limit(s) shall not apply during any startup.

For the purposes of this condition, startup shall be defined as the period when the exhaust temperature of this equipment is below 475 degrees F, which is the minimum ammonia injection temperature.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A99.7 The 0.035 lbs/MM Btu NOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period, which is defined as the period between the initial startup of the major NOx source and the provisional approval of the CEMS, shall not exceed 12 months from the initial startup date. The operator shall provide the AQMD with written notification of the initial startup date.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the combustion device.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D1550]

A99.8 The 16.9 LBS/MMSCF SOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period, which is defined as the period between the initial startup of the major SOx source and the provisional approval of the CEMS, shall not exceed 12 months from the initial startup date. The operator shall provide the AQMD with written notification of the initial startup date.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the combustion device.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A195.1 The 7 PPMV (Monthly) NOX emission limit(s) is averaged over a calendar month and is at dry condition, corrected to 3 percent oxygen.

This NOx calendar monthly emission limit shall be calculated based on the measured NOx emissions using a certified RECLAIM CEMS and the heat input during all boiler operating hours for the calendar month except during:

Any District required source test performed without ammonia;

Periods of the exhaust temperature entering the SCR catalyst is less than 475 degrees F, which is the minimum ammonia injection temperature);

RATA testing;

RECLAIM Missing Data period;

Calibration and maintenance periods;

Equipment breakdown periods as defined in Rule 2004; and

Periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using this equation, or other equivalent equation: PPMV at 3 percent oxygen = (Et/Qt) x K, where:

PPMV at 3 percent oxygen = Concentration of NOx in PPMV at 3 percent oxygen

Et = Total measured NOx emissions during the averaging period (excluding exempt periods as noted above)

Qt = Total heat input during the averaging period (excluding exempt periods as noted above)

K =A conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19

A data acquisition system (DAS) shall be installed and maintained to record the parameters necessary to determine the calendar monthly NOx concentration. In addition, the DAS shall calculate and display on demand the average monthly NOx PPM.

Any corrections to the DAS data and calculation shall be completed within 72 hours after the end of the calendar month. The recorded parameters and the calculated average monthly NOx PPM shall be kept for a period as stated in the Section E of this facility permit and shall be readily available to the District personnel upon request.

A violation of the 7 PPM NOX limit shall be a violation of the emission limit for the entire averaging period.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A195.2 The 500 PPMV CO emission limit(s) is averaged over over a one-hour block and at 0% oxygen on a dry basis.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D36]

A195.3 The 10 PPMV NH3 emission limit(s) is averaged over 60 consecutive minutes at 3 percent O2 dry.

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C1615]

A229.2 The 10.5LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[**RULE 2005, 5-6-2005**]

[Devices subject to this condition : D74]

B. Material/Fuel Type Limits

B22.7 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**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

B27.1 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1566, D1568]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

B61.1 The operator shall only use fuel gas containing the following specified compounds:

Compound	ppm by volume
Sulfur less than	100

The operator shall maintain a continuous total sulfur analyzer to monitor the sulfur content of the fuel gas.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D74, D1550]

B61.2 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 : D74, D1550]

B61.4 The operator shall not use fresh feed containing the following specified compounds:

Compound	Weight Percent
Total Sulfur	greater than 0.3

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

[Devices subject to this condition : D36]

C. Throughput or Operating Parameter Limits

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.8 The operator shall limit the throughput to no more than 15 MM barrels in any one calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D864, D868]

C1.12 The operator shall limit the throughput to no more than 20.26 MM barrels in any one calendar year.

This limit shall be based on the total combined limit for equipment D268 (82-TK-1), D269 (82-TK-2), and D270 (82-TK-3).

The gasoline blending products stored in equipment D269 (82-TK-2) and D270 (82-TK-3) shall only consist of the following: isooctane, isooctene, FCC gasoline, alkylate, light straight run (LSR) naphtha, heavy cat naphtha, light cat naphtha, or raffinate.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D269]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 fuel usage to no more than 214000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D74]

C1.18 The operator shall limit the number of turnovers to no more than 73 in any one year.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.29 The operator shall limit the throughput to no more than 1.86 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as throughput of MTBE.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.30 The operator shall limit the throughput to no more than 9.855 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as the combined throughput of gasoline, alkylate and raffinate.

The operator shall comply with the following throughput measurement practices.

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 hour.

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%, 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 time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.35 The operator shall limit the throughput to no more than 10000 barrel(s) in any one day.

For the purpose of this condition, throughput shall be defined as amount of field butane processed in this equipment.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the field butane processed in this equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1525]

C1.36 The operator shall limit the gasoline dispensed to no more than 40000 gallon(s) in any one calendar month.

This limit applies to all gasoline dispensing storage tanks at this facility.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

C1.37 The operator shall limit the gasoline dispensed to no more than 480000 gallon(s) per year.

This limit applies to all gasoline dispensing storage tanks at this facility.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

C1.42 The operator shall limit the loading rate to no more than 66.804 MM gallons in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D197]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C8.1 The operator shall use this equipment in such a manner that the percent excess air being monitored, as indicated below, is not less than 3 percent.

The operator shall use the RECLAIM NOx CEMS to verify the percent oxygen content limit of this condition.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1260]

C8.2 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.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 407, 4-2-1982**; **RULE 468, 10-8-1976**]

[Devices subject to this condition : C1260]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 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. current
2. voltage

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 D36) according to the requirements specified in Permit Condition D29.12.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**; **40CFR 60 Subpart J, 6-24-2008]**

[Devices subject to this condition : C1615]

D. Monitoring/Testing Requirements

D12.4 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the hydrogen concentration in the tail gas discharged from the hydrogenation reactors.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The continuous monitoring system shall include visual and audio alarms.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D674, D675]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D12.10 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

The operator shall record and keep records of the differential pressure readings during loading.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **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**]

[Devices subject to this condition : C1567, C1569]

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH3 emissions at the outlet.

The test shall be conducted at least annually.

The test shall be conducted when the combustion equipment vented to the SCR is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1551]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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	District-approved averaging time	Outlet

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D29.7 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
VOC	Approved District method	District-approved averaging time	Stack
PM emissions	Approved District method	District-approved averaging time	Stack

The test(s) shall be conducted only when FCCU feed rate is at least 80% of maximum during normal operation and actual FCCU feed rate during oxygen injection.

The three total tests shall occur as follows.

a) One test shall occur during normal operation before oxygen injection is used. This test shall occur no later than 180 days after installation of the oxygen injection system, and

b) One test shall occur during oxygen injection, and

c) One test shall occur during normal operation after the oxygen injection system event has occurred. This test shall occur no later than 60 days after returning the regenerator to normal operations.

The test shall also be conducted to determine oxygen levels in the exhaust. During the test, the operator shall measure and record FCCU feed rate, catalyst recirculation rate, coke burn-off rate, flue gas flow rate, flue gas moisture content, the flue gas temperature at the outlet of the ESP, regenerator combustion temperature, FCCU feed pre-heat temperature, opacity readings from the opacity meter, blower airflow rate and the average current, voltage, and spark rate at each ESP fields.

The operator shall monitor and record NOx, SOx and CO emission taken from CEMS. Also, the operator shall monitor and record the oxygen injection rate during oxygen injection.

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the District engineer no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall included the proposed operating conditions, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304 and a description of all sampling and analytical procedures.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2005, 5-6-2005**; **RULE 401, 3-2-1984**; RULE 401, 11-9-2001; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D29.9 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
CO emissions	District method 100.1	1 hour	Outlet of the SCR
PM emissions	Approved District method	District-approved averaging time	Outlet of the SCR
NOX emissions	Approved District method	1 hour	Outlet of the SCR
NH3 emissions	District method 207.1 and 5.3 or EPA method 17	1 hour	Outlet of the SCR

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after the construction/modification is completed.

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

During the source test(s), the facility permit holder shall also measure the oxygen levels in the exhaust, flue flow rate (CFH), the flue gas rate, and flue gas temperature.

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The operator shall also provide to the District a source test report containing, at a minimum, the following information:

Required Data	Reported As
Emissions data	Concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet
Moisture concentration	Grains per DSCF
Exhaust flow rate	Dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM)
Flue gas temperature	Degrees F
Moisture concentration	Percent oxygen
Fuel flow rate (CFH)	

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

cubic feet per hour (cfh)

Not withstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with Rules 1303(a)(1)-BACT, 2005, 404, 407, and 409.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 2005, 5-6-2005**; **RULE 404, 2-7-1986**; **RULE 407, 4-2-1982**; **RULE 409, 8-7-1981**]

[Devices subject to this condition : D1550]

D29.10 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	District-approved averaging time	Outlet of the SCR
CO emissions	Approved District method	District-approved averaging time	Outlet of the SCR

The test(s) shall be conducted at least once every three years.

The test shall be conducted when the combustion devices being vented to the SCR are operating under normal operating conditions.

The test shall be conducted to demonstrate compliance with Rules 404, 407 and 409.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 404, 2-7-1986**; **RULE 407, 4-2-1982**; **RULE 409, 8-7-1981**]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D29.11 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	District-approved averaging time	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 404, 2-7-1986]

[Devices subject to this condition : C1260]

D29.12 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	District-approved averaging time	Outlet

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results 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 ESP fields.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D29.13 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 Modified with EPA Method 201A Cyclone (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 (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 EPA Method 202 (condensables information)	District-approved averaging time	Outlet
NH3 emissions	District method 207.1	1 hour	Outlet
CO emissions	District Method 100.1 or 10.1	1 hour	Outlet

The operator shall choose any of the PM10 test methods as indicated above to comply with Rule 1105.1 requirements.

For the purposes of this condition, filterable PM10 is PM10 collected on the cyclone exit, probe, and filter(s) of the applicable test methods referenced above. Condensable PM10 is the PM10 collected in the impingers of the applicable test methods referenced above.

The test shall be conducted after the AQMD approval of the source test protocol, but no later than 180 days after initial startup of the new ESP. The AQMD engineer shall be notified in writing of the date and time of the test at least 10 days prior to the test.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted at a minimum with the following modes of operation:

1. ESPs 61-PR-1A and 61-PR-1B in full operation with 4 T/Rs operating and ESP 61-PR-2 with 2 T/Rs operating.

2. ESP 61-PR-2 with 6 T/Rs operating and ESPs 61-PR-1A and 61-PR-1B in idle mode.

3. ESPs 61-PR-1A and 61-PR-1B in operation with 2 T/Rs operating [i.e. one T/R each] and ESP 61-PR-2 with 4 T/Rs operating.

Ultramar may propose additional modes of ESP operation to be tested in the test protocol.

The test shall be conducted when the FCCU is operating with at least 80 percent of the total feed rate.

The test shall be conducted at least every year with the above three operating modes after the initial source test.

Source test results shall include the following: FCCU feed rate in barrels per day (BPD); catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O2 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 in amps, voltage in volts, and spark rate of each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

[**RULE 1105.1, 11-7-2003**; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**; **RULE 407, 4-2-1982**]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

Concentrations shall be corrected to zero percent excess air on a dry basis.

Hydrogen Sulfide concentration in ppmv

Reduced Sulfur Compounds (as SO2) concentration in ppmv

The CEMS shall be installed to measure and record continuously the concentrations at the outlet of the tail gas scrubber to show compliance with the requirements of BACT, AQMD Rule 468(b), and 40CFR60 Subpart J. The CEMS shall be approved, operated and maintained in accordance with the requirements of Rule 218 and 40CFR60 Subpart J as appropriate.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; **RULE 468, 10-8-1976**; **40CFR 60 Subpart J, 6-24-2008]**

[Devices subject to this condition : D142, D148]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1550]

D90.3 The operator shall continuously monitor the H2S concentration in the fuel gas before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

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

[Devices subject to this condition : D74, D1550]

D90.4 The operator shall monitor the opacity at the stack according to the following specifications:

The operator shall maintain and operate the opacity meter and record the readings as required pursuant to 40CFR60, Subpart J at all times except during periods of required maintenance and malfunction of the opacity meter.

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

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 continuously monitor the flow rate in dscfm of the flue gas at the outlet of the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters 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 operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The flow rate monitor shall have a minimum range of 65,000 to 110,000 dscfm and be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months during the RECLAIM RATAs.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

D90.7 The operator shall continuously monitor the voltage in volts across the ESP transformer/rectifier (T/R) sets according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters 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 operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The voltage monitor shall have a minimum range of 400 to 480 Volts and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D90.8 The operator shall continuously monitor the current in amperes across the ESP transformer/rectifier (T/R) sets according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters 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 operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The current monitor shall have a minimum range of 360 to 1100 amps and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

D90.9 The operator shall continuously monitor the NH3 injection rate in gallons per hour (gph) at the ESP inlet according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters 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 operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The ammonia injection monitor shall have a minimum range of 0 to 10 gallons per hour and 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 : C1615]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D90.13 The operator shall periodically analyze the H2S concentration in the process gas streams vented to this device according to the following specifications:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on November 15, 2005 for the periodic analysis and reporting of H2S concentration for the process gas streams vented from the Catalytic Reformer Unit (CRU) to Heater 70-H-1/2/3.

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

[Devices subject to this condition : D74]

D182.2 The operator shall test this equipment in accordance with the following specifications:

The test shall be conducted to determine the emissions of CO, VOC, PM, PM10, and H2S at the outlet, using methods approved by the District.

The test shall be conducted no later than 180 days after startup.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test result shall be submitted to the District no later than 60 days after the test.

The operator shall submit a test protocol to the District at least 90 days prior to the testing.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C1260]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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:

The test shall determine and report the mass emission rates (lb/hr) for chlorine and chlorinated compounds listed in District Rule 1401 Table 1. The test shall also report the operation conditions of the Platformer Unit during the test in terms of fuel gas flow rate, gross heating value, catalyst regeneration rate, chlorination gas flow rate,catalyst recirculation rate and trichloroethane injection rate.

During the test, the equipment (D74, D68, D69, D71, D932, D934, D935, D940, D941, D942, and D943) shall be in full operation or operated within a capacity range approved by the District.

A source test protocol shall be submitted to the District no later than 60 days before the proposed test date. The District shall be notified of the date and time of the test at least 15 days prior to the test. A report shall be submitted to the District no later than 90 days after conducting the test.

The test shall be conducted within 180 days from the start-up of this equipment.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D182.5 The operator shall test this equipment in accordance with the following specifications:

A source test protocol shall be submitted to the District no later than 60 days before the proposed test date. The test may commence without prior approval from the District if it is conducted according to a source test protocol previously approved by the District for this equipment. The District shall be notified of the date and time of the test at least 15 days prior to the test. A report shall be submitted to the District no later than 90 days after conducting the test.

The test shall determine and report the concentrations (ppmv at 3 percent oxygen) and mass emission rates (lb/hr) for CO, PM10, and ROG.

The test shall also include catalyst recirculation rate.

The test shall be conducted at least once every three years after conducting the initial performance test

During the test, the equipment shall be operated at least 80 percent of the permitted maximum rated capacity or within a capacity range approved by the District.

Testing and sampling facilities shall be provided and maintained in accordance with District source test method 1.1 or 1.2 and District guidelines for construction of sampling and testing facilities.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 407, 4-2-1982**]

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 test shall be conducted to determine the sulfur conversion efficiency of this equipment to demonstrate compliance with the BACT requirements of 95 percent conversion efficiency.

The test shall be conducted at least annually.

The operator shall submit a detail description of the test methods/procedures to the District at least 90 days prior to the initial testing. The initial and annual tests shall be conducted according to the approved test plan or any subsequently approved revisions. The District shall be notified of the date and time of the test at least 15 days prior to the test. Report of the test and operating conditions of the SRU recorded during the test shall be made available to the District upon request

During the test, the equipment shall be operated at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1267, D1275]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D238.1 All hydrofluoric acid sensors shall be electronically linked to the District's hydrofluoric acid emergency monitoring Central Station via a Remote Terminal Unit (RTU) which has been approved by the Executive Officer.

The RTU shall be operated such that an alarm message shall be transmitted to the District's Central Station via the RTU when any hydrofluoric acid sensor detects a concentration of 6 ppm or more of hydrofluoric acid.

All hydrofluoric acid sensors shall be calibrated monthly. Calibration reports shall be generated and electronically sent to the District's Central Station via the RTU in real time.

This condition shall not apply during the hydrofluoric acid sensor or RTU breakdown if all of the following requirement(s) are met:

1. The breakdown did not result from operator error, neglect, improper operation or poor maintenance.
2. Steps are immediately taken to repair or rectify the condition causing the breakdown.
3. The District Central Station or the Executive Officer is notified of the breakdown within 8 hours of its occurrence.

This condition shall not apply also during:

1. Routine quarterly maintenance of the affected equipment, with the prior approval of the Executive Officer.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1011, D1494, D1495]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D322.2 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 1140, 2-1-1980; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986]**

[Devices subject to this condition : C1567, C1569]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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.

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]

[Devices subject to this condition : D36, D68, D69, D933, D934, D935, D936, D937, D938, D939]

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 CO emission limit(s). 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 : C1260]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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, 3-7-2008]

[Devices subject to this condition : D983]

D381.1 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 an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine 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, the operator shall 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.

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; and

3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; **RULE 401, 3-2-1984]**

[Devices subject to this condition : D946, D1566, D1568]

D425.1 The operator shall have the existing NOx CEMS monitoring this device recertified within 90 days of the start-up of the modification of this device. If the CEMS is not recertified within 90 days of start-up of this device, the facility permit holder shall calculate and report NOx emissions in accordance with Rule 2012, Appendix A, Chapter 2, Paragraph (B)(16) - Recertification Requirements.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D425.2 The operator shall have the existing SOx CEMS monitoring this device recertified within 90 days of the start-up of the modification of this device. If the CEMS is not recertified within 90 days of start-up of this device, the facility permit holder shall calculate and report SOx emissions in accordance with Rule 2011, Appendix A, Chapter 2, Paragraph (B)(17) - Recertification Requirements.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D36]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to a vapor recovery system which is in full operation and has been issued a permit to operate by the District whenever this equipment is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1224, D1225, D1226, D1227]

E71.3 The operator shall not operate this equipment if any SRU/TGU tail gases are routed to this equipment for combustion such that the concentration of SOx discharged from this equipment exceeds 250 ppmv (dry basis) at zero percent excess air, except during startup, shutdown, or malfunction of the tail gas units as required by 40CFR60 Subpart J.

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

[Devices subject to this condition : C1260]

E71.4 The operator shall not operate this equipment for incineration of amine acid gases and ammonia acid gases to the Sulfur Recovery Unit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1260]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 475 Deg F.

The operator shall install and maintain a temperature gauge to accurately indicate the temperature at the inlet of the SCR bed. The operator shall also install and maintain a device to continuously record the temperature being measured.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1551]

E73.2 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D179, D182, D200, D848]

E73.3 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both Tail Gas Treating Units (TGTU) Nos. 38 and 39 are in a process upset as defined in NSPS Subpart J

And/Or

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D142, D148, D1267, D1275]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E73.4 Notwithstanding the requirements of Section E conditions, the operator is not required to use Train No. 1 Reaction Furnance (D1267) and Train No. 2 Reaction Furnace (D1275) to vent this equipment if:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D179, D182, D200, D848]

E73.5 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The FCCU meets the Rule 1105.1 filterable PM10 emission limit of 2.8 pounds per thousand barrels of fresh feed.

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D36]

E166.1 The operator shall keep all openings from this equipment closed when in use except during absorbent change out. No detectable VOC emissions shall be released to the atmosphere from any opening or spent absorbent from this equipment as indicated by an instrument reading of less than 500 ppm measured in accordance with EPA reference method 21.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1212, D1213, D1214]

E193.3 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall only use the oxygen injection system when the Power recovery turbine (D1249) is down due to a Rule 430 breakdown.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E193.4 The operator shall operate and maintain this equipment as follows:

The operator shall not operate any mode specified in Condition D29.13 if the source test results show that operating mode exceeds the PM10 (2.8 lbs per 1,000 bbl fresh feed) or NH3 (10 ppmv) limits specified in Rule 1105.1.

Notwithstanding the requirements of Section E conditions, the operator is not required to operate all three ESPs (61-PR-1A, 61-PR-1B, 61-PR-2) in full operation when venting the FCCU Regenerator catalyst fine exhaust if the operator maintains a minimum of 6 of 12 transformer/rectifier sets in operation.

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D36]

E193.5 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall comply with all measures stipulated by the AQMD Certified Negative Declaration dated June 21, 2007.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : C1615]

E193.6 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall discharge dust collected in the ESPs only into leak-free hoppers or closed container bins.

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E336.3 The operator shall vent the vent gases from this equipment as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s) which is in full use and has- a valid permit to receive vent gases from this equipment.

All emergency vent gases shall be directed to a blowdown flare system which 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 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D650]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	District Rule	465
VOC	District Rule	465

[**RULE 465, 8-13-1999**]

[Devices subject to this condition : D849, D850, D1262, D1263, D1290, D1299, D1576]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.4 This equipment is 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]

[Devices subject to this condition : D1409, D1611, D1638]

H23.5 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]

[Devices subject to this condition : D74, D1550]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka

[40CFR 60 Subpart Ka, 12-14-2000]

[Devices subject to this condition : D269, D271]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.11 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 : D448, D864, D868]

H23.16 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	GGG

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007; **40CFR 60 Subpart GGG, 6-2-2008**]

[Devices subject to this condition : D1328, D1333, D1334, D1339, D1348, D1548]

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[**RULE 1173, 5-13-1994**; RULE 1173, 6-1-2007]

[Devices subject to this condition : D872, D1321, D1323, D1331, D1349, D1350, D1353, D1368, D1626]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.25 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

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

[Devices subject to this condition : D201, D213, D1405]

H23.27 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
HAPs	40CFR63, SUBPART	UUU
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J
Opacity	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

[RULE 1105.1, 11-7-2003; 40CFR 60 Subpart J, 6-24-2008; 40CFR 63 Subpart UUU, 4-20-2006]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.28 This equipment is subject to the applicable requirements of the following rules or regulations:

Rule	Rule/Subpart	
	40CFR60, SUBPART	Db

[40CFR 60 Subpart Db, 11-16-2006]

[Devices subject to this condition : D1550]

H116.1 The operator shall install and maintain a flow indicator at the vent stream to the vapor recovery system in order to comply with 40CFR60 Subpart QQQ Section 60.692-5 whenever this equipment is in operation.

[40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D1224]

I. Administrative

I30.1 In accordance with Rule 3002(a)(3), the permit for this equipment is being issued as a non-Title V permit.

The facility permit holder shall file an application for a Title V permit revision for this equipment within 90 days of the issuance of the facility's initial Title V permit.

[RULE 3002, 11-14-1997]

[Devices subject to this condition : D197, D198, D199, D983, D984, D990, D1626]

I331.1 The conditions and requirements for this device in Section H shall take effect, and shall supersede those in Section D, when the modifications authorized in Section H are completed. The operator shall notify the AQMD when the modifications are completed.

[**RULE 202, 5-7-1976**; RULE 202, 12-3-2004]

[Devices subject to this condition : D142, D148, D674, D675, D1267, D1275]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K40.2 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.

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 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 also be expressed in terms of concentration (ppmv).

All moisture concentration shall be expressed in terms of percent.

Source test results shall also include oxygen levels in the flue gas, FCCU feed rate, catalyst recirculation rate, coke burn-off rate, flue gas flow rate, flue gas moisture content, the flue gas temperature at the outlet of the ESP, opacity readings from the opacity meter, regenerator combustion temperature, FCCU feed pre-heat temperature, blower airflow rate and the average current, voltage, and spark rate at each ESP fields. Also, the report shall include oxygen injection rate, when tested.

This condition shall only apply to source test condition D29.7, source testing performed to demonstrate compliance of the oxygen injection system

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2005, 5-6-2005**; **RULE 401, 3-2-1984**; RULE 401, 11-9-2001; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986**]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

PM10 emission data from testing performed per condition D29.13 shall be reported in terms of mass rate (lbs/hr) and in terms of grains /DSCF.

CO emission data shall be reported in terms of mass rate (lbs/hr) and in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

Ammonia 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:

Source test results shall include the following: FCCU feed rate in BPD; catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O2 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 in amps, voltage in volts, and spark rate at each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

This condition shall only apply to source test condition D29.13.

[RULE 1105.1, 11-7-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982]

[Devices subject to this condition : D36]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

[RULE 1178, 4-7-2006; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : D278]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

[RULE 1140, 2-1-1980; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **RULE 401, 3-2-1984**; **RULE 404, 2-7-1986**; **RULE 405, 2-7-1986]**

[Devices subject to this condition : D946, C1567, C1569]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel gas usage

fuel gas heating value

[RULE 2011, 5-6-2005; **RULE 2012, 5-6-2005]**

[Devices subject to this condition : D1550]

K171.1 The operator shall provide to the District the following items:

The required annual test may commence without prior approval from the District, if it is conducted according to a source test protocol previously approved by the District for this equipment. A copy of the approval letter shall be submitted to the District at least 30 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 2011, 5-6-2005**; **RULE 2012, 5-6-2005]**

[Devices subject to this condition : C1551]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K171.3 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 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D269, D271, D278, D448, D864, D868]

K171.4 The operator shall provide to the District the following items:

Any changes to the wastewater system or any other components required to be identified by Rule 1176(d)(2).

This information shall be submitted to the District within 60 calendar days after construction is completed.

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D1611]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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
299235	463
334141	2002
410212	1178
423346	1173
460671	1105.1
474699	1166
493043	461
493681	1166

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

ULTRAMAR INC (NSR USE ONLY)

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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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)}*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #2 5-25-2001]

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)	Weight percent of total organic HAP
Wastewater stream	61.342(c)(2) or (c)(3)	Total annual benzene quantity

   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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #3A 5-25-2001]

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)}*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #3A 5-25-2001]

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 vessel wall and primary seal shall be measured until the 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.

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:
   e. Cover or lid on an opening on a floating roof,

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #3A 5-25-2001]

f. 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
g. 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)}*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #4 5-25-2001]

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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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)}*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #6 5-25-2001]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1 EMISSION POINT (GROUP 1 GASOLINE LOADING RACK - 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 control and monitoring requirements of 40CFR63 Subpart CC, which references to 40CFR63 Subpart R as follows:

40CFR63 Subpart CC	**40CFR63 Subpart R**
63.650(a)	1. Control Requirements: The operator shall comply with the following control requirements specified in Section 63.422(a) through (c): a. Emission shall not exceed 10 milligrams of total organic compounds per liter of gasoline loaded. b. Loading of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline trucks using the procedures referenced in 60.502. 2. Test Methods and Procedures: The operator shall comply with applicable test methods and procedures for the following tests: a. Performance tests. *{63.425(a)-(c)}* b. Annual certification test. *{63.425(e)}* c. Leak detection test. *{63.425(f)}* d. Nitrogen pressure decay test. *{63.425(g)}* e. Continuous performance pressure decay test. *{63.425(h)}* 3. Monitoring Requirements: The operator shall comply with applicable continuous monitoring requirements for vapor control system in Sections 63.427(a)-(b). 4. Recordkeeping and Reporting Requirements: The operator shall comply with the following requirements: a. Recordkeeping. *{63.428(b)&(c)}* b. Semiannual reporting. *{63.428(g)(1)* c. Excess emissions reporting *{63.428(h)(1)-(3)}*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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)*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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)	Reduce uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmvd corrected to 3% O_2 using a control device.	Internal scrubbing system or no control device: The daily average HCl concentration in the catalyst regenerator exhaust gas must not exceed 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).*

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.*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart UUU, #1 4-20-2006]

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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

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 = 1.0 kg per 1,000 kg (1.0 lb/1,000 lb) of coke burn-off; 2. Opacity = 30%, except for one 6-minute average opacity reading in any 1-hour period.	na.
Organic	CO = 500 ppmvd	na.

**Exempt for maintenance period per §63.1575(j)*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[40CFR 63 Subpart UUU, #2 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
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.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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	SO_2 = 250 ppmvd	n/a
Reduction control system without incineration	Reduced sulfur compounds (calculated as SO_2) = 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).*

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS
[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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

(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)]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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)]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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.

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

(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)]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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)]

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

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 104	1-9-1976	Federally enforceable
RULE 1105.1	11-7-2003	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 1123	12-7-1990	Federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non 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 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Non federally enforceable
RULE 1173	5-13-1994	Federally enforceable
RULE 1173	6-1-2007	Non 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 1301	12-7-1995	Federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(1)-Modeling	12-6-2002	Non federally enforceable
RULE 1303(b)(1)-Modeling	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	3-4-2005	Non federally enforceable
RULE 1401	5-2-2003	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	5-6-2005	Federally enforceable
RULE 2004	4-6-2007	Non 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 202	12-3-2004	Non federally enforceable
RULE 202	5-7-1976	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	6-1-2007	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 3006	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	5-2-2008	Non federally enforceable
RULE 304	5-2-2008	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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 461	3-7-2008	Non federally enforceable
RULE 461	6-3-2005	Federally enforceable
RULE 461, Balance Conditions	1-9-2004	Non federally enforceable
RULE 461, Phase I EVR Conditions	1-9-2004	Non federally enforceable
RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II	3-7-2008	Non federally enforceable
RULE 461, Universal Conditions	3-7-2008	Non federally enforceable
RULE 461_Universal	6-3-2005	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 465	8-13-1999	Federally enforceable
RULE 468	10-8-1976	Federally enforceable
RULE 476	10-8-1976	Federally enforceable
40CFR 60 Subpart A	5-16-2007	Federally enforceable
40CFR 60 Subpart Db	11-16-2006	Federally enforceable
40CFR 60 Subpart GGG	6-2-2008	Federally enforceable
40CFR 60 Subpart J	6-24-2008	Federally enforceable
40CFR 60 Subpart K	10-17-2000	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 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
40CFR 63 Subpart CC, #2	5-25-2001	Federally enforceable
40CFR 63 Subpart CC, #3A	5-25-2001	Federally enforceable
40CFR 63 Subpart CC, #4	5-25-2001	Federally enforceable

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
40CFR 63 Subpart CC, #5A	5-25-2001	Federally enforceable
40CFR 63 Subpart CC, #6	5-25-2001	Federally enforceable
40CFR 63 Subpart EEEE	7-28-2006	Federally enforceable
40CFR 63 Subpart GGGGG	11-29-2006	Federally enforceable
40CFR 63 Subpart UUU	4-20-2006	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 63 Subpart ZZZZ	1-18-2008	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 VALERO	6-16-2005	Federally enforceable
CCR Title 13	9-24-1999	Non federally enforceable

FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

1. INTERNAL COMBUSTION ENGINES, DIESEL
2. INTERNAL COMBUSTION ENGINES, EMERGENCY PUMPS, DIESEL

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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	350	700		350			
Coatings							
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	350						
Undercoaters							
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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
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.

** 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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 2-1-1980]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 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 (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as 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 (2)(A).

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 8-2-1985]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 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 (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as 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 (2)(A).

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

(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 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	**VOC g/l (lb/gal)**	**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

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**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			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

ULTRAMAR INC (NSR USE ONLY)

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

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Balance Conditions 1-9-2004]

GASOLINE TRANSFER AND DISPENSING, BALANCE CONDITIONS

1. Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overfill prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the pressure integrity of the spill container drain valve. Either test shall be conducted as a reverification test and the test shall be conducted in accordance with Test Procedure Method TP-201.1C or TP-201.1D, respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

   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 contractor; the location of the facility; and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overfill prevention device and spill container drain valve.

2. The Phase II vapor recovery system 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 Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
60	0.35
80	0.62

   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 TP-201.4, Methodology 1. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) 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 contractor; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure tests.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Balance Conditions 1-9-2004]

3. If the CARB Executive Order requires the 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 seventy-two (72) hours of test.

   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 contractor; the location of the facility; and the scheduled start and completion dates of the liquid removal rate test.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phase I EVR Conditions 1-9-2004]

GASOLINE TRANSFER AND DISPENSING, PHASE I EVR CONDITIONS

1. At least seventy-two (72) hours prior to back-filling any underground storage tank or piping, the AQMD shall be notified by e-mail at r461backfill@aqmd.gov or by facsimile at telephone number (909) 396-3606. 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 back-filling procedure. The back-filling procedure shall not commence until inspected by a district representative.

2. Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overfill prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the pressure integrity of the spill container drain valve. Either test shall be conducted as a reverification test and the test shall be conducted in accordance with Test Procedure Method TP-201.1C or TP-201.1D, respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

   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 contractor; the location of the facility; and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overfill prevention device and spill container drain valve.

3. A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted within thirty days (30) after the start of operation of the Phase I EVR equipment and at least once every three (3) years thereafter to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure. The test shall be conducted in accordance with the Test Procedure Method TP-201.1E. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test. This test result shall be kept on site for three (3) years and made available to District representatives upon request.

   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 contractor; the location of the facility; and the scheduled start and completion dates of the leak rate and cracking pressure test of pressure/vacuum relief vent valves.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS
[RULE 461, Phase I EVR Conditions 1-9-2004]

4. A static torque test of rotatable Phase I adaptors shall be conducted as a reverification test to quantify the amount of static torque required to start the rotation of the rotatable Phase I adaptors. The test shall be conducted in accordance with the test procedure method outlined in TP-201.1B. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

   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 contractor; the location of the facility; and the scheduled start and completion dates of the static torque test of rotatable Phase I adaptors.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

GASOLINE TRANSFER AND DISPENSING CONDITIONS

1. Operation of this equipment shall be in compliance with all data and specifications submitted with the application under which this permit was issued, unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.

4. Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.

5. All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

6. The District at its discretion may wish to witness the installation and/or performance testing of the VST Phase II EVR System Not Including ISD system. At least seventy-two (72) hours prior to the installation and performance testing of the VST Phase II EVR System Not Including ISD system, the applicant shall notify the AQMD at telephone number (866) 770-9140.

7. New equipment installations and subsequent service and repairs for any certified component for which this permit was issued, shall only be performed by a current and certified person who has successfully completed the manufacturer's training course and appropriate International Code Council (ICC) certification. Completion of any AQMD training course does not constitute as a substitute for this requirement. Proof of successful completion of any manufacturer training course shall be with the manufacturer.

8. At least seventy-two (72) hours prior to back-filling any underground storage tank or piping, the SCAQMD shall be notified by e-mail at r461backfill@aqmd.gov or by facsimile at telephone number (909) 396-3606. 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 back-filling procedure. The back-filling procedure shall not commence until inspected by a District representative.

9. Depending on the system configuration, a leak rate test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a leak rate test of the drop tube overfill prevention device and drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

pressure integrity of the spill container drain valve. Either test shall be conducted as a performance test and as a reverification test. The test shall be conducted in accordance with test procedure method TP-201.1C (October 8, 2003) or TP-201.1D (October 8, 2003), respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

10. A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted within ten days (10) after the start of operation of the Phil-Tite Phase I EVR equipment and at least once every three (3) years thereafter to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure. The test shall be conducted in accordance with the test procedure method TP-201.1E (October 8, 2003). Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test. This test result shall be kept on site for three (3) years and made available to district representatives upon request.

11. A static torque test of rotatable Phase I adaptors shall be conducted to quantify the amount of static torque required to start the rotation of the rotatable Phase I adaptors. The test shall be conducted in accordance with the test procedure method outlined in TP-201.1B (October 8, 2003) as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

12. The Phase II vapor recovery system 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 Executive Order by which the system was certified:

Nitrogen flowrates (CFH)	Dynamic back pressure (inches of water)
60	0.35
80	0.62

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 TP-201.4, methodology 1 (July 3, 2002); as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of tests.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

13. A static pressure leak decay test shall be conducted to demonstrate that the storage tanks, 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 (March 17, 1999) as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

14. The static pressure leak decay test TP-201.3, shall be conducted in accordance with Exhibit 4 of CARB Executive Order VR-203-E. Verification of completing each step as outlined shall be documented by submitting a copy of Exhibit 4 to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

15. A liquid removal test shall be conducted to quantify the removal rate of liquid from the vapor passage of a Phase II balance system hose equipped with a liquid removal device. The test shall be conducted in accordance with Exhibit 5 of CARB Executive Order VR-203-E, as a performance test and reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

16. If a VST ECS membrane processor is installed, a hydrocarbon sensor verification test shall be conducted to determine the accuracy of the VST hydrocarbon non-dispersive infrared sensor using known hydrocarbon concentrations (propane) calibration gases at gasoline dispensing facilities. The test shall be conducted in accordance with Exhibit 6 of CARB Executive Order VR-203-E, as a performance test and reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

17. A vapor pressure sensor verification test shall be conducted to determine the pressure management control vapor pressure sensor is operating in accordance with the pressure sensor requirements. The test shall be conducted in accordance with Exhibit 8 of CARB Executive Order VR-203-E, as a performance test and reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

18. If a VST ECS membrane processor is installed, a determination of VST processor activation pressure test shall be conducted to determine compliance with the VST processor activation pressure requirement. The test shall be conducted in accordance with Exhibit 9 of CARB Executive Order VR-203-E, as a performance test and reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

19. A nozzle bag test shall be conducted on the VST Phase II EVR nozzles to verify the integrity of the vapor valve. The test shall be conducted on any newly installed or replaced VST Phase II EVR nozzles and in accordance with Exhibit 10 of CARB Executive Order VR-203-E. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

20. If a Veeder-Root vapor polisher is installed, a Veeder-Root vapor polisher operability test shall be conducted in accordance with all of Exhibit 11 of CARB Executive Order VR-203-E. The test shall be conducted as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

21. If a Veeder-Root vapor polisher is installed, a Veeder-Root vapor polisher hydrocarbon emissions verification test shall be conducted in accordance with Exhibit 12 of CARB Executive Order VR-203-E to verify the proper performance of the Veeder-Root vapor polisher. The test shall be conducted as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

22. If the security seal tag on the vapor polisher is broken or missing, the owner/operator shall perform both a Veeder-Root vapor polisher operability test (Exhibit 11), and a Veeder-Root vapor polisher hydrocarbon emissions verification test (Exhibit 12) within seven (7) days of discovery, or when it should be reasonably known that such seal is missing or broken. Within seven (7) days of a report of a missing or broken security seal tag, a new security seal tag shall be applied to the vapor polisher only by a manufacturer representative and only immediately after passing the above required tests. A new security seal tag shall not be placed and the vapor polisher shall be replaced with a new one if the vapor polisher failed any such tests.

23. The dynamic back pressure tests TP-201.4, shall be conducted in accordance with Exhibit 13 of CARB Executive Order VR-203-E. Verification of completing each step as outlined shall be documented by submitting a copy of Exhibit 13 to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

24. Unless AQMD Rule 461 requires a more frequent testing or inspection schedule, the owner/operator shall be responsible to perform the scheduled daily and annual inspections as outlined in the ARB approved installation, operation, and maintenance manual for the VST Phase II EVR system, as well as all the required vapor recovery system tests as per the current and appropriate ARB executive order.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

25. If the owner/operator plans to permanently cease all gasoline dispensing operations before April 1, 2009, a compliance plan shall be filed declaring to irrevocably surrender their permit to operate.

26. If the vapor processor unit is not accessible for inspection and performing tests purposes from ground level, the owner/operator shall provide safe access, which is on-site and immediately available upon request, to the vapor processor unit. The access shall be constructed in accordance with the General Industry Safety Orders of the State of California or in compliance with standards specified by the Division of Occupational Safety and Health of the California Department of Industrial Relations (i.e. CAL/OSHA).

27. 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 any of the above mentioned testing requirements. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the tests to be performed.

28. The testing for the above mentioned tests shall be conducted in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

29. Should the facility dispense more than 600,000 gallons of gasoline per calendar year and if the facility undergoes a major modification as defined by CARB's Advisory Letter Number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; the operator shall immediately cease all gasoline dispensing operations and file an application for a new permit to construct/operate to install a CARB certified ISD system. Gasoline dispensing operations shall not resume until the ISD system has been granted a permit to construct/operate and has been fully installed, tested, and operative.

30. Should the facility dispense more than 600,000 gallons of gasoline in any calendar year and if the facility does not undergo a major modification as defined by CARB's Advisory Letter Number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; the operator shall file an application for a new permit to construct/operate to install a CARB certified ISD system. The ISD system shall be fully installed, tested, and operative based on the following table:

Gasoline throughput per calendar year	Date
Greater than 1.8 million gallons	September 1, 2009
Between 600,000 and 1.8 million gallons	September 1, 2010

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS
[RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II 3-7-2008]

31. All records and test results that are required to be maintained by Rule 461 shall be kept on site for four years and made available to District representatives upon request.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Universal Conditions 3-7-2008]

GASOLINE TRANSFER AND DISPENSING, UNIVERSAL CONDITIONS

1. Operation of this equipment shall be in compliance with all data and specifications submitted with the application under which this permit was issued, unless otherwise noted below.

2. This equipment shall be properly maintained and kept in good operating condition at all times.

3. All permit conditions applicable to the equipment described in the previous Permit to Operate shall remain in effect until the new or modified equipment is constructed and operated as described in this new permit. This Permit to Construct/Operate shall become invalid if the modification as described in the equipment description has not been completed within one year from the issue date. If the modification has not been completed within one year from the issue date of the permit, a written request shall be submitted to the AQMD (Attention: Randy Matsuyama) to reinstate the previously inactivated permit to operate. A new application shall be filed if there are plans to continue with the modification. Furthermore, this condition does not allow any time extensions to any modifications required by the California Air Resources Board or AQMD.

4. Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.

5. Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.

6. All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

7. New equipment installations and subsequent service and repairs for any certified component for which this permit was issued, shall only be performed by a current and certified person who has successfully completed the manufacturer's training course and appropriate International Code Council (ICC) certification or CARB equivalent training. Completion of any AQMD training course does not constitute as a substitute for this requirement. Proof of successful completion of any manufacturer training course shall be with the manufacturer.

8. Except for HIRT VCS 400-7 equipment, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, 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 (March 17, 1999) as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

FACILITY PERMIT TO OPERATE

ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Universal Conditions 3-7-2008]

9. 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 contractor; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

10. The testing for the above mentioned tests shall be conducted in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

11. All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to district representatives upon request.