

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

AQMD Facility ID:	800372	Company Name:	EQUILON ENTERPRISES LLC		
Equipment Location:	20945 S. Wilmington Avenue, Carson, CA 90810			SIC Code: 4613	
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:			
Application #(s):	366926	Application Submittal Date(s):	3/03/2000		
AQMD Contact Person:	Belinda Wan	Phone #:	(909) 396-2532	E-Mail Address: bwan@aqmd.gov	
Project Description: This is an existing facility, applying for an initial Title V permit, that owns and operates a bulk gasoline and chemical distribution terminal. This facility is operating blending tanks, storage tanks, oil water separator, groundwater treatment system, chemical bulk loading/unloading racks, carbon adsorbers, afterburner, internal combustion engines and a soil vapor extraction and treatment system with thermal and catalytic oxidizers.					
Permit Type: <input checked="" type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input type="checkbox"/> Permit Renewal					
Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input checked="" type="checkbox"/> Permit Shield Applies <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other: _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance					
Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2006		<input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> The Following TACs Were Reported:		<u>Emissions (lbs/yr):</u>	
		Ammonia		126.224	
		Benzene		911.50	
		Hexane		3299.055	
		Methanol		372.777	
		Methyl ethyl ketone		580.532	
		Methyl isobutyl ketone		543.309	
		Toluene		5051.698	
Health Risk From Toxic Air Contaminants: <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input checked="" type="checkbox"/> Final Facility Health Risk Approved (2001) _____ Cancer Risk = 6.90 in one million Acute Hazard Index = 0.44 Chronic Hazard Index = 0.07					
Criteria Pollutant Emissions		<input checked="" type="checkbox"/> NOx	2.710	<input checked="" type="checkbox"/> PM	0.259
Annual Reported Emissions		<input checked="" type="checkbox"/> CO	1.162	<input checked="" type="checkbox"/> SOx	0.02
(tons/year) for Reporting Year: 2006		<input checked="" type="checkbox"/> VOC	138.639	<input type="checkbox"/> Other:	_____
Compliance History: <input type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (0) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (2) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (1)					
Comments: Due to space limitation, a partial list of TACS is reported above. For the complete list, please contact the person identified above.					

FACILITY PERMIT TO OPERATE

**EQUILON ENTER. LLC, SHELL OIL PROD. US
20945 S WILMINGTON
CARSON, CA 90810**

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
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: EQUILON ENTER. LLC, SHELL OIL PROD. US

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 20945 S WILMINGTON
CARSON, CA 90810

MAILING ADDRESS: 20945 S WILMINGTON AVE
CARSON, CA 90810

RESPONSIBLE OFFICIAL: CLORINDA F. NOTHSTEIN

TITLE: REGIONAL MANAGER

TELEPHONE NUMBER: (310) 816-2331

CONTACT PERSON: TOM JACKSON

TITLE: ENV. ENGINEER

TELEPHONE NUMBER: (310) 816-2046

TITLE V	RECLAIM
NO	NOx: YES SOx: YES CYCLE: 2 ZONE: COASTAL

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x 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		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 10/30/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
7/2005	6 /2006	Coastal	819654	6044	0
7/2006	6 /2007	Coastal	819654	589	0
7/2007	6 /2008	Coastal	819654	580	0
7/2008	6 /2009	Coastal	819654	34240	1080
7/2009	6 /2010	Coastal	819654	33160	2160
7/2010	6 /2011	Coastal	819654	32080	3240
7/2011	6 /2012	Coastal	819654	31000	4320
7/2012	6 /2013	Coastal	819654	31000	4320
7/2013	6 /2014	Coastal	819654	31000	4320
7/2014	6 /2015	Coastal	819654	31000	4320
7/2015	6 /2016	Coastal	819654	31000	4320
7/2016	6 /2017	Coastal	819654	31000	4320
7/2017	6 /2018	Coastal	819654	31000	4320
7/2018	6 /2019	Coastal	819654	31000	4320
7/2019	6 /2020	Coastal	819654	31000	4320
7/2020	6 /2021	Coastal	819654	31000	4320
7/2021	6 /2022	Coastal	819654	31000	4320

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
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

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		Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 10/30/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
7/2022	6 /2023	Coastal	819654	31000	4320

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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SO_x 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		Zone	SO _x RTC Initially Allocated	SO _x RTC ¹ Holding as of 10/30/08 (pounds)	Non-Tradable ² Credits (NTCs) (pounds)
Begin (month/year)	End				
7/2005	6 /2006	Coastal	761240	199	
7/2006	6 /2007	Coastal	761240	254	
7/2007	6 /2008	Coastal	761240	258	
7/2008	6 /2009	Coastal	761240	300	
7/2009	6 /2010	Coastal	761240	300	
7/2010	6 /2011	Coastal	761240	300	
7/2011	6 /2012	Coastal	761240	300	
7/2012	6 /2013	Coastal	761240	300	
7/2013	6 /2014	Coastal	761240	300	
7/2014	6 /2015	Coastal	761240	300	
7/2015	6 /2016	Coastal	761240	300	
7/2016	6 /2017	Coastal	761240	300	
7/2017	6 /2018	Coastal	761240	300	
7/2018	6 /2019	Coastal	761240	300	
7/2019	6 /2020	Coastal	761240	300	
7/2020	6 /2021	Coastal	761240	300	
7/2021	6 /2022	Coastal	761240	300	

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
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SO_x 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		Zone	SO _x RTC Initially Allocated	SO _x RTC ¹ Holding as of 10/30/08 (pounds)	Non-Tradable ² Credits (NTCs) (pounds)
Begin (month/year)	End				
7/2022	6 /2023	Coastal	761240	300	

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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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		Zone	NOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTCs) (pounds)
Begin	End			
7/1994	6 /1995	Coastal	1887788	0

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Year		Zone	SO _x RTC Starting Allocation (pounds)	Non-Tradable Credits(NTCs) (pounds)
Begin	End			
7/1994	6 /1995	Coastal	1305241	0

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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : BLENDING SYSTEMS					
System 2 : SOLVENT BLENDING					
TANK, FIXED ROOF, BLENDING, T-6001, SOLVENT, WITH 1-HP. MIXER, 5000 GALS; DIAMETER: 9 FT; HEIGHT: 11 FT A/N: 349354	D27				H23.12
TANK, FIXED ROOF, BLENDING, T-6002, SOLVENT, WITH 2-HP. MIXER, 10000 GALS; DIAMETER: 12 FT; HEIGHT: 11 FT 6 IN A/N: 349354	D28				H23.12
DRUM, SLOP, 55 GALLONS A/N: 349354	D29				H23.12
TANK, BLENDING, V-199, 5400 GALS; DIAMETER: 7 FT; HEIGHT: 20 FT A/N: 349354	D30				H23.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 349354	D856				H23.5, H23.12
System 3 : CHEMICAL BLENDING					
TANK, MIX, NO. 9-1, PHARMACEUTICAL, 4400 GALS; DIAMETER: 9 FT; HEIGHT: 9 FT A/N: 406322	D31				
TANK, MIX, NO. 11-1, PHARMACEUTICAL, WITH AN AIR MIXER, 6600 GALS; DIAMETER: 11 FT; HEIGHT: 9 FT A/N: 406322	D32				H23.12

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

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : BLENDING SYSTEMS					
TANK, MIX, NO. 12-8, ISOPROPYL ALCOHOL, 10500 GALS; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 406322	D33	D330 D763			C1.20, E336.2
TANK, MIX, NO. 7003, SDA ANHYDROUS, WITH 1-HP. MIXER, 4900 GALS; DIAMETER: 9 FT; HEIGHT: 10 FT A/N: 406322	D34				
TANK, MIX, NO. 7004, SOLVENT ANHYDROUS, WITH 1-HP. MIXER, 4900 GALS; DIAMETER: 9 FT; HEIGHT: 10 FT A/N: 406322	D35				
TANK, WEIGH, NO. 7005, DENATURANT, 460 GALS; DIAMETER: 5 FT; HEIGHT: 2 FT 6 IN A/N: 406322	D36				
POT, MIX, 90 GALS A/N: 406322	D37				
FILTER, EA-190, ALCOHOL A/N: 406322	D38				
FILTER, ANHYDROUS ALCOHOL, HEIGHT: 4 FT 2 IN; DIAMETER: 1 FT 4 IN A/N: 406322	D39				
FILTER, SDA-40, HEIGHT: 4 FT 2 IN; DIAMETER: 1 FT 4 IN A/N: 406322	D40				

- * (1)(1A)(1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5)(5A)(5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
- (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : BLENDING SYSTEMS					
TANK, MIX, NO. 12-7, LOW NOX FUEL, 10500 GALS; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 406322	D41				C1.21, E71.5, E336.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 406322	D857				H23.5, H23.12
Process 2 : OIL WATER SEPARATORS					
System 3 : STORM WATER/SALINE WATER HANDLING SYSTEM					
STORAGE TANK, V-1641, ALUM, 6000 GALS; DIAMETER: 10 FT; HEIGHT: 10 FT 6 IN A/N: 349451	D50				
TANK, AIR FLOTATION, V-1642, WASTE WATER, WITH 1 1/2 H.P. SCRAPPER, 3700 BBL; DIAMETER: 44 FT; HEIGHT: 13 FT 8 IN A/N: 349451	D51				
VESSEL, PRESSURE RETENTION, V-2391, HEIGHT: 6 FT 10 IN; DIAMETER: 5 FT A/N: 349451	D52				
Process 3 : STORAGE TANKS					
System 1 : FIXED ROOF TANKS					
STORAGE TANK, FIXED ROOF, NO. 12-14, 15200 GALS; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 393087	D71				S13.2 B59.1, C1.22, E17.3, E336.2, H23.12

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. T-12-1, 360 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 349349	D72				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. TK-5-1, 5000 GALS; DIAMETER: 5 FT; HEIGHT: 7 FT A/N: 349338	D73				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-2, 360 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 348895	D74				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. TK-8-1, 5000 GALS; DIAMETER: 8 FT; HEIGHT: 13 FT 6 IN A/N: 349332	D75				B22.2, H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. 12-16, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 348899	D76				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-3, 360 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 348896	D77				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. TK-8-2, 5000 GALS; DIAMETER: 8 FT; HEIGHT: 13 FT 6 IN A/N: 349336	D78				B22.3, H23.12, K67.1

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. T-12-17, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 348902	D79				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-4, 360 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 348897	D80				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. TK-8-3, 5000 GALS; DIAMETER: 8 FT; HEIGHT: 13 FT 6 IN A/N: 349335	D81				B22.4, H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-18, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349315	D82				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-5, 10105 GALS; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 349491	D83				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-19, 350 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349499	D84				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. 12-6, 10116 GALS; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 393088	D85				B59.1, C1.23, E17.2, E336.2, H23.12

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. T-12-20, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 348890	D86				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-21, 350 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349500	D87				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-22, 350 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349501	D88				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-105, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349502	D89				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-106, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349503	D90				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. T-12-107, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 349504	D91				H23.12, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-2, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349466	D92				H23.12, H23.13, K67.1

* (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. 18-3, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 348878	D93				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 18-4, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 348877	D94				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 18-5, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 348876	D95				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, T-18-6, 44350 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 2 IN A/N: 457088	D96				B59.1, E336.2, H23.12, K67.1
STORAGE TANK, FIXED ROOF, T-18-7, 44800 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349508	D97				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, T-18-8, 44800 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349509	D98				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 18-9, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 406325	D99				B59.1, C1.24, E336.2, H23.12

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

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. 18-11, ACETONE, 45600 GALS; DIAMETER: 18 FT; HEIGHT: 24 FT A/N: 406326	D100				E336.2
STORAGE TANK, FIXED ROOF, NO. 18-12, ACETONE, 45600 GALS; DIAMETER: 18 FT; HEIGHT: 24 FT A/N: 406328	D101				E336.2
STORAGE TANK, FIXED ROOF, NO. 18-13, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 406329	D102				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 18-14, 45600 GALS; DIAMETER: 18 FT; HEIGHT: 24 FT A/N: 348875	D103				B59.1, C1.25, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK NO. 18-15, 1080 BBL; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 351167	D104				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 18-16, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 406334	D105				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. 18-17, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349467	D106				H23.12, H23.13, K67.1

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| <ul style="list-style-type: none"> * (1)(1A)(1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2)(2A)(2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements |
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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TK. 18-18, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349468	D107				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-20, 44800 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349514	D108				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-21, 1060 BBL; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349497	D109				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-22, 1060 BBL; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349494	D110				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-23, 1060 BBL; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349496	D111				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-24, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349483	D112				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-25, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349469	D113				H23.12, H23.13, K67.1

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| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements</p> |
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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TK. 18-26, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349471	D114				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK. 18-27, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349484	D115				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 18-28, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 348874	D116				B59.1, C1.24, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. 18-29, 44753 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349472	D117				B22.10, B27.1, K67.1
STORAGE TANK, FIXED ROOF, NO. 20-3, 45200 GALS; DIAMETER: 20 FT; HEIGHT: 19 FT 3 IN A/N: 393089	D118				B59.1, C1.25, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. 18-30, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349465	D119				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 20-4, 45200 GALS; DIAMETER: 20 FT; HEIGHT: 19 FT 3 IN A/N: 393090	D120				B59.1, C1.10, C1.25, E336.2, H23.12

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|---|---|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements</p> |
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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TK. T-18-31, 45700 GALS; DIAMETER: 18 FT; HEIGHT: 24 FT 2 IN A/N: 351168	D121				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 20-5, 45200 GALS; DIAMETER: 20 FT; HEIGHT: 19 FT 3 IN A/N: 393091	D122				B59.1, C1.25, E17.2, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. 18-32, 45000 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 8 IN A/N: 351171	D123				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 30-1, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393092	D124				B59.1, C1.26, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. T-18-33, 44940 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 8 IN A/N: 457089	D125				B59.1, E336.2, H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. 30-2, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393093	D126				B59.1, C1.26, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TK. 18-37, 1070 BBL; DIAMETER: 18 FT; HEIGHT: 24 FT A/N: 351170	D127				H23.12, H23.13, K67.1

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. 30-3, ACETONE, 158760 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393094	D128				E336.2
STORAGE TANK, FIXED ROOF, NO. 20-1, 45200 GALS; DIAMETER: 20 FT; HEIGHT: 19 FT 3 IN A/N: 393095	D129				B59.1, C1.25, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 30-4, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393097	D130				B59.1, C1.26, E17.1, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 20-2, 45200 GALS; DIAMETER: 20 FT; HEIGHT: 19 FT 3 IN A/N: 393098	D131				B59.1, C1.25, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 30-5, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393100	D132				B59.1, C1.26, E17.1, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 30-6, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393101	D133				B59.1, C1.26, E17.1, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 30-7, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 393104	D134				B59.1, C1.26, E17.1, E336.2, H23.12

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TK.30-8, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT WITH A/N: 462891 HEATER, ELECTRIC	D135				C1.47, C6.6, E71.9, K67.1
STORAGE TANK, FIXED ROOF, TK.30-9, 157816 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT WITH A/N: 462890 HEATER, ELECTRIC	D136				C1.48, C6.6, E71.9, K67.1
STORAGE TANK, FIXED ROOF, TK.30-10, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT 2 IN A/N: 457090	D137				B59.1, E336.2, H23.12, K67.1
STORAGE TANK, FIXED ROOF, TK.30-11, XYLENE, CS-53, CS-63, OR BLENDS, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 349480	D138				K67.1
STORAGE TANK, FIXED ROOF, TK.30-12, 158600 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT A/N: 349464	D139				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK.30-13, MS-340, MS-140, SOL 70, SOL 71, SOL 72, OR BLENDS, 159900 GALS; DIAMETER: 30 FT; HEIGHT: 30 FT 3 IN A/N: 349485	D140				H23.12, K67.1

- * (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TK.48-1A, 9600 BBL; DIAMETER: 48 FT; HEIGHT: 30 FT A/N: 351175	D141				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK.48-3, 9600 BBL; DIAMETER: 48 FT; HEIGHT: 30 FT A/N: 349505	D142				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, T-48-4, 406000 GALS; DIAMETER: 48 FT; HEIGHT: 30 FT A/N: 349324	D143				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, T-48-6, 409500 GALS; DIAMETER: 48 FT; HEIGHT: 30 FT 1 IN A/N: 349325	D144				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TK-48-7, 9650 BBL; DIAMETER: 48 FT; HEIGHT: 30 FT A/N: 348892	D145				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TANK 574, 79750 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 6 IN A/N: 349362	D152				B22.5, C1.37, H23.12, H23.13
STORAGE TANK, FIXED ROOF, TANK 575, 80423 BBL; DIAMETER: 117 FT 5 IN; HEIGHT: 41 FT 10 IN A/N: 349375	D153				B22.6, C1.38, H23.12

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TANK 578, 79398 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N: 349436	D154				B22.7, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 579, 80390 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT A/N: 349365	D155				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 587, 117012 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 40 FT 6 IN A/N: 349371	D156				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 589, 117023 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 6 IN A/N: 349370	D157				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 720, 112099 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 6 IN A/N: 349369	D158				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 721, 115915 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 42 FT 2 IN A/N: 349367	D159				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 722, 115653 BBL; DIAMETER: 144 FT; HEIGHT: 42 FT A/N: 349357	D160				B22.6, C1.38, H23.12

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TANK 723, 117327 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 6 IN A/N: 349355	D161				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, NO. 6003A, 12900 GALS; DIAMETER: 20 FT; HEIGHT: 22 FT A/N: 393105	D162				B59.1, C1.27, E336.2, H23.12
STORAGE TANK, FIXED ROOF, TANK 6003 B, 12600 GALS; DIAMETER: 20 FT; HEIGHT: 22 FT A/N: 351176	D163				H23.12, K67.1
STORAGE TANK, FIXED ROOF, NO. 6003C, 12600 GALS; DIAMETER: 20 FT; HEIGHT: 22 FT A/N: 393106	D164				B59.1, C1.27, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 6003D, 12600 GALS; DIAMETER: 20 FT; HEIGHT: 22 FT A/N: 393107	D165				B59.1, C1.27, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 6004, 42300 GALS; DIAMETER: 20 FT; HEIGHT: 18 FT A/N: 393108	D166				B59.1, C1.28, E17.3, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 7001A, 42300 GALS; DIAMETER: 20 FT; HEIGHT: 18 FT A/N: 393109	D167				B59.1, C1.29, E17.2, E336.2, H23.12

- * (1)(1A)(1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5)(5A)(5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
- (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. 7002, 42000 GALS; DIAMETER: 20 FT; HEIGHT: 18 FT A/N: 393110	D168				B59.1, C1.28, E17.2, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. T-12-15, 360 BBL; DIAMETER: 12 FT; HEIGHT: 18 FT A/N: 348898	D169				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. T-18-1, 44700 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 349487	D172				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 588, 117011 BBL; DIAMETER: 144 FT; HEIGHT: 40 FT 6 IN A/N: 349414	D173				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, NO. 580, GASOLINE, 117875 BBL; DIAMETER: 144 FT 4 IN; HEIGHT: 40 FT 10 IN A/N: 349439	D746				B22.8, C1.38, H23.12, H23.13
STORAGE TANK, FIXED ROOF, NO. 582, 115916 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 40 FT 2 IN A/N: 349441	D353				B22.8, C1.37, H23.12
STORAGE TANK, FIXED ROOF, NO. 585, 116998 BBL; DIAMETER: 144 FT; HEIGHT: 40 FT 6 IN A/N: 349440	D354				B22.8, C1.37, H23.12

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, NO. 6009, 42275 GALS; DIAMETER: 30 FT; HEIGHT: 18 FT A/N: 349455	D758				B22.9, B27.1, K67.1
STORAGE TANK, FIXED ROOF, NO.6010, 42085 GALS; DIAMETER: 30 FT; HEIGHT: 18 FT A/N: 349462	D759				B22.9, B27.1, K67.1
STORAGE TANK, FIXED ROOF, NO. 18-10, 45203 GALS; DIAMETER: 18 FT; HEIGHT: 23 FT 6 IN A/N: 348873	D760				B59.1, C1.25, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 18-19, ORGANIC LIQUID, 44753 GALS; DIAMETER: 18 FT; HEIGHT: 24 FT A/N: 349456	D761				H23.12, H23.13
STORAGE TANK, FIXED ROOF, NO. 48-2, 403200 GALS; DIAMETER: 48 FT; HEIGHT: 30 FT A/N: 348872	D762				B59.1, C1.30, E336.2, H23.12
STORAGE TANK, FIXED ROOF, NO. 581, DIESEL FUEL, 115916 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 40 FT 2 IN A/N: 349463	D352				K67.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393087	D858				H23.5, H23.12, H23.13

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

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
System 2 : INTERNAL FLOATING ROOF TANKS					S13.2
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 505, 80143 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 10 IN WITH A/N: 349383 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D174				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 506, 79183 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 6 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D175				B22.5, C1.37, C6.1, H23.12, H23.13

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 511, WITH A 25 H.P. MIXER, 79008 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 5 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D176				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 513, 68000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 9 IN WITH A/N: 349408 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D177				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 514, 68000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 6 IN WITH A/N: 349407	D178				B22.5, C1.37, C6.1, H23.12, H23.13

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 560, 80044 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 42 FT WITH A/N: 349400 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D179				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 561, 79251 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 6 IN WITH A/N: 349401 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE	D180				B22.5, C1.37, C6.1, H23.12, H23.13

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 564, 80042 BBL; DIAMETER: 117 FT; HEIGHT: 42 FT WITH A/N: 349405 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D181				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 565, 78819 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 42 FT 7 IN WITH A/N: 349406 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D182				B22.5, C1.37, C6.1, H23.12, H23.13

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 570, WITH A 20 H.P. MIXER, 79142 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D183				B22.5, C1.37, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 577, 80488 BBL; DIAMETER: 117 FT 5 IN; HEIGHT: 41 FT 10 IN WITH A/N: 349379 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D184				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 583, DIESEL, 117875 BBL; DIAMETER: 144 FT 2 IN; HEIGHT: 40 FT 6 IN WITH A/N:	D185				B22.6, C6.1

* (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 733, GASOLINE, 117302 BBL; DIAMETER: 144 FT 2 IN; HEIGHT: 10 FT 6 IN WITH A/N: 349434 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D355				C6.1, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 502, 78963 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 5 IN WITH A/N: 349438 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE	D356				B22.5, C1.37, C6.2, H23.12, H23.13

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

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 586, 99000 BBL; DIAMETER: 144 FT 2 IN; HEIGHT: 40 FT 6 IN WITH A/N: 349326 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D357				B22.6, C1.37, C6.2, H23.12
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 508, 80000 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 10 IN WITH A/N: 349413 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED	D186				B22.5, C1.37, C6.1, H23.12, H23.13

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 512, 80000 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 9 IN WITH A/N: 349410 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D187				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 569, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 8 IN WITH A/N: 349412 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D188				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 566, 80000 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 6 IN WITH A/N: 349411	D189				B22.5, C1.37, C6.1, H23.12, H23.13

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 726, GASOLINE, 115603 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 1 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D190				B22.5, C1.37, C6.1, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 729, 117006 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 6 IN WITH A/N: 349430 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE	D192				B22.5, C1.37, C6.1, H23.12, H23.13

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

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 730, 117293 BBL; DIAMETER: 143 FT 10 IN; HEIGHT: 40 FT 6 IN WITH A/N: 349429 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D193				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 501, 79163 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 4 IN WITH A/N: 349415 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D194				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 503, 78963 BBL; DIAMETER: 117 FT; HEIGHT: 41 FT 5 IN WITH A/N: 349416	D195				B22.5, C1.37, C6.2, H23.12, H23.13

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 504, 79109 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 5 IN WITH A/N: 349417 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D196				B22.5, C1.37, C6.2, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 515, 78969 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 6 IN WITH A/N: 349431 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE	D197				B22.5, C1.37, C6.2, H23.12, H23.13

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 568, 80159 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 7 IN WITH A/N: 349442 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D148				B22.5, C1.37, C6.1, H23.12, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 725, 115666 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 40 FT 2 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D750				B22.5, C1.37, C6.1, H23.12, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 349383	D859			HAP: (10) [40CFR 63 Subpart R, #3 (Major Sources w/o Bulk Loading),12-19-2003]	H23.5, H23.12, H23.13

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

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, FIXED ROOF, TANK 562, WITH A 20 H.P. MIXER, 76534 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 8 IN A/N:	D146				B22.5, C1.37, H23.12, H23.13
STORAGE TANK, FIXED ROOF, NO. 563, 76534 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N:	D171				H23.12, H23.13, K67.1
STORAGE TANK, FIXED ROOF, TANK 567, 79295 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N:	D147				B22.6, C1.38, H23.12
STORAGE TANK, FIXED ROOF, TANK 571, 79160 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN A/N:	D149				B22.6, C1.38, H23.12
System 3 : EXTERNAL FLOATING ROOF TANKS					S13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 1513, 16500 BBL; DIAMETER: 54 FT; HEIGHT: 40 FT WITH A/N: 349461 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D203				B22.5, C1.5, H23.12, H23.13

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 2543, RECOVERED SOLVENTS, HEIGHT: 14 FT; DIAMETER: 14 FT WITH A/N: 349391 FLOATING ROOF, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D205				Cl.12, H23.12
STORAGE TANK, EXTERNAL FLOATING ROOF, TK-1632, PROCESS/STORM WATER, 60000 BBL; DIAMETER: 109 FT; HEIGHT: 38 FT WITH A/N: 349448 FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D64				K67.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 349383	D859			HAP: (10) [40CFR 63 Subpart R, #3 (Major Sources w/o Bulk Loading), 12-19-2003]	H23.5, H23.12, H23.13

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
System 5 : DOMED EXTERNAL FLOATING ROOF TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 1134, GASOLINE, 55535 BBL; DIAMETER: 100 FT; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D202				C1.4, H23.13
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 1515, 33652 BBL; DIAMETER: 78 FT; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D204				B22.12, C1.3, H23.12
STORAGE TANK, EXTERNAL FLOATING ROOF, TK. 507, 78932 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N:	D198				B22.5, C1.37, H23.12, H23.13

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 509, 78735 BBL; DIAMETER: 117 FT 1 IN; HEIGHT: 41 FT 9 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D199				B22.5, C1.37, H23.12, H23.13
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 510, 78879 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 8 IN WITH A/N: FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, METALLIC SHOE	D200				B22.5, C1.37, H23.12, H23.13

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 576, WITH A 30 H.P. MIXER, 124539 BBL; DIAMETER: 150 FT; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE	D201				B22.5, C1.37, H23.12, H23.13
Process 5 : MISCELLANEOUS					
System 2 : SUMPS AND UNDERGROUND TANKS					
SUMP, V-3092, LAB SUMP, RECOVERED OIL, COVERED, DOUBLE WALLED, HEIGHT: 9 FT; DIAMETER: 2 FT 5 IN A/N: 349513	D21	C3 C24			
CARBON ADSORBER, ACTIVATED CARBON, 150 LBS A/N: 349513	C3	D21		VOC: 500 PPMV (4) [RULE 1303(a)-BACT,5-10-1996]	D90.1, E153.1
CARBON ADSORBER, ACTIVATED CARBON, (STANDBY), 150 LBS A/N: 349513	C24	D21		VOC: 500 PPMV (4) [RULE 1303(a)-BACT,5-10-1996]	D90.1, E153.1

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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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 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5 : MISCELLANEOUS					
SUMP, DPL-3, 600 GALS; DIAMETER: 4 FT; LENGTH: 6 FT 11 IN A/N: 349386	D218				
STORAGE TANK, UNDERGROUND, V-3327, WASH WATER, 2500 GALS; DIAMETER: 6 FT; LENGTH: 13 FT 9 IN A/N: 349445	D801				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 349386	D862				H23.5
System 3 : JET FUEL CLAY TREATING					
FILTER, PREFILTER, V-3323, EAST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D802				
FILTER, CLAY, V-3324, EAST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D803				
FILTER, CLAY, V-3325, EAST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D804				
FILTER, COALESCER, V-3326, EAST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D805				

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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 5 : MISCELLANEOUS					
FILTER, PREFILTER, V-3137, WEST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D806				
FILTER, CLAY, V-3138, WEST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D807				
FILTER, COALESCER, V-3139, WEST TRAIN, HEIGHT: 3 FT 9 IN; DIAMETER: 2 FT 4 IN A/N: 349446	D808				
PUMP, CENTRIFUGAL, TRANSFER, P-8474, 150-HP, WITH MECHANICAL SEAL A/N: 349446	D809				H23.5
PUMP, CENTRIFUGAL, TRANSFER, P-8475, 150-HP, WITH MECHANICAL SEAL A/N: 349446	D810				H23.5
PUMP, CENTRIFUGAL, TRANSFER, P-8476, 150-HP, WITH MECHANICAL SEAL A/N: 349446	D811				H23.5
PUMP, CENTRIFUGAL, BOOSTER, P-8488, 200-HP, WITH MECHANICAL SEAL A/N: 349446	D812				H23.5

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 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
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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 5 : MISCELLANEOUS					
PUMP, CENTRIFUGAL, BOOSTER, P-8489, 200-HP, WITH MECHANICAL SEAL A/N: 349446	D813				H23.5
Process 6 : GROUNDWATER TREATMENT SYSTEM					
System 1 : EXTRACTION WELLS					
PUMP, WELL, AIR OPERATED, 22 TOTAL A/N: 349435	D385				H23.5
Process 7 : CHEMICAL BULK LOADING					
System 1 : TWO-POSITION TANK TRUCK LOADING RACK NO. 1					
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 463593 LOADING ARM, TANK TRUCK, TOP, SWING TYPE, SUBMERGED FILL, WEST SIDE, 15 TOTAL; DIAMETER: 3 IN LOADING ARM, BOTTOM, TANK TRUCK, SWING TYPE, EAST SIDE, 11 TOTAL; DIAMETER: 3 IN LOADING ARM, TANK TRUCK, TOP, SWING TYPE, EAST SIDE, SUBMERGED FILL, 4 TOTAL; DIAMETER: 3 IN	D823	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.2, C1.31, E131.1, E336.2

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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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 : CHEMICAL BULK LOADING					
VAPOR RETURN LINE, WEST SIDE, 4 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, EAST SIDE, 2 TOTAL; DIAMETER: 4 IN					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: INACTIVE	D865				H23.5
System 2 : TWO-POSITION TANK TRUCK LOADING RACK NO. 2					
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 463596 LOADING ARM, TANK TRUCK, TOP, SWING TYPE, WEST SIDE, SUBMERGED FILL, 16 TOTAL; DIAMETER: 3 IN LOADING ARM, BOTTOM, TANK TRUCK, SWING, EAST SIDE, 11 TOTAL; DIAMETER: 3 IN VAPOR RETURN LINE, WEST SIDE, 3 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, EAST SIDE, 2 TOTAL; DIAMETER: 4 IN	D824	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.2, C1.32, E131.1, E336.2

* (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.)
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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 7 : CHEMICAL BULK LOADING					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: INACTIVE	D866				H23.5
System 3 : TWO-POSITION TANK TRUCK LOADING RACK NO. 3					S13.1
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 463590 LOADING ARM, TANK TRUCK, TOP, SWING TYPE, WEST SIDE, SUBMERGED FILL, 11 TOTAL; DIAMETER: 3 IN LOADING ARM, BOTTOM, TANK TRUCK, SWING TYPE, EAST SIDE, 11 TOTAL; DIAMETER: 3 IN VAPOR RETURN LINE, WEST SIDE, 3 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, EAST SIDE, 3 TOTAL; DIAMETER: 4 IN	D829	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.2, C1.33, E131.1, E336.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: INACTIVE	D867				H23.5
System 4 : ONE-POSITION TANK TRUCK LOADING - WASH RACK NO. 1 (EAST)					S13.1
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 393118	D838	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.1, C1.34, E131.1, E336.2

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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 7 : CHEMICAL BULK LOADING					
LOADING ARM, TANK TRUCK, TOP, SWING TYPE, SUBMERGED FILL, 2 TOTAL; DIAMETER: 3 IN VAPOR RETURN LINE, DIAMETER: 4 IN					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393118	D868				H23.5
System 5 : Chemical Tank Car Loading/Unloading Rack No. 2 (No. 1 West)					S13.1
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 393116 LOADING AND UNLOADING ARM, BOTTOM, TANK CAR, DIAMETER: 3 IN VAPOR RETURN LINE, DIAMETER: 4 IN	D836	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.1, C1.35, E336.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393116	D869				H23.5
System 6 : CHEMICAL TANK CAR UNLOADING RACK (No. 2 WEST)					
BULK MATERIAL UNLOADING STATION WITH A/N: 393114	D832				H23.12

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|---|---|
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 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements</p> |
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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 7 : CHEMICAL BULK LOADING					
UNLOADING ARM, BOTTOM, TANK CAR, SWING TYPE, WITH A DETACHABLE HOSE, DIAMETER: 3 IN					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393114	D870				H23.5, H23.12
System 7 : SIX-POSITION TANK CAR UNLOADING RACK					
BULK MATERIAL UNLOADING STATION WITH A/N: 349347	D834				C1.8, H23.12
UNLOADING ARM, TANK CAR, OPW SPRING BALANCE, SWIVEL JOINT TYPE, ISOPROPYL ALCOHOL, 3 TOTAL; DIAMETER: 3 IN					
UNLOADING ARM, TANK CAR, OPW SPRING BALANCE, SWIVEL JOINT TYPE, METHYL ETHYL KETONE (2-BUTANONE), ACETONE, 3 TOTAL; DIAMETER: 3 IN					
UNLOADING ARM, TANK CAR, POSITION NO. 1, HYDROCARBON SOLVENTS, WITH QUICK DISCONNECT COUPLINGS, 3 TOTAL; DIAMETER: 3 IN					

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|---|--|
| <p>* (1)(1A)(1B) Denotes RECLAIM emission factor
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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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|---|--|

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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 7 : CHEMICAL BULK LOADING					
UNLOADING ARM, TANK CAR, POSITION NO. 2, HYDROCARBON SOLVENTS, WITH QUICK DISCONNECT COUPLINGS, 4 TOTAL; DIAMETER: 3 IN					
UNLOADING ARM, TANK CAR, POSITION NO. 3, HYDROCARBON SOLVENTS, WITH QUICK DISCONNECT COUPLINGS, 3 TOTAL; DIAMETER: 3 IN					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 349347	D871				H23.5, H23.12
System 8 : Chemical Tank Car Loading/Unloading Rack No. 6 (No. 3 West)					
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 463592	D835	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.2, C1.9, C1.35, E336.1, E336.2
LOADING AND UNLOADING ARM, TANK CAR, BOTTOM, DIAMETER: 3 IN					
VAPOR RETURN LINE, DIAMETER: 4 IN					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: INACTIVE	D872				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 (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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 7 : CHEMICAL BULK LOADING					
System 10 : CHEMICAL TANK CAR LOADING/UNLOADING RACK (No. 4 EAST)					S13.1
BULK MATERIAL LOAD/UNLOAD STATION WITH A/N: 393117 LOADING AND UNLOADING ARM, BOTTOM, TANK CAR, DIAMETER: 3 IN VAPOR RETURN LINE, DIAMETER: 3 IN	D840	D330 D763		VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	B59.1, C1.35, E336.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393117	D874				H23.5
Process 8 : AIR POLLUTION CONTROL SYSTEM					
System 2 : CHEMICAL VAPOR COLLECTION AND DESTRUCTION SYSTEM					S13.1, S13.5
TANK, HOLDING, T-7011, VAPOR, 5600 CU.FT.; DIAMETER: 15 FT 6 IN; HEIGHT: 32 FT A/N: 457091	D330	D33 C764 D823 D824 D829 D835 D836 D838 D840			C6.5, E193.1, E336.3
TANK, HOLDING, T-7012, VAPOR, 7500 CU.FT.; DIAMETER: 18 FT; HEIGHT: 34 FT A/N: 457091	D763	D33 C764 D823 D824 D829 D835 D836 D838 D840			C6.5, E193.1, 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : INTERNAL COMBUSTION					
				<i>RULE 1303(a)(1)-BACT,12-6-2002] ; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011,12-5-2003;RULE 2011,1-7-2005]</i>	
Process 11 : R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E847				H23.2
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E852			VOC: (9) [RULE 1171,11-7-2003;RULE 1171,5-6-2005]	H23.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E853			VOC: (9) [RULE 1113,11-8-1996;RULE 1113,7-9-2004;RULE 1171,11-7-2003;RULE 1171,5-6-2005]	K67.6
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E854				H23.4

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

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

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
C3	35	5	2
D21	35	5	2
C24	35	5	2
D27	1	1	2
D28	1	1	2
D29	1	1	2
D30	1	1	2
D31	1	1	3
D32	1	1	3
D33	2	1	3
D34	2	1	3
D35	2	1	3
D36	2	1	3
D37	2	1	3
D38	2	1	3
D39	2	1	3
D40	2	1	3
D41	3	1	3
D50	3	2	3
D51	3	2	3
D52	3	2	3
D64	32	3	3
D71	3	3	1
D72	4	3	1
D73	4	3	1
D74	4	3	1
D75	4	3	1
D76	4	3	1
D77	4	3	1
D78	4	3	1
D79	5	3	1
D80	5	3	1
D81	5	3	1
D82	5	3	1
D83	5	3	1
D84	5	3	1

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D86	6	3	1
D87	6	3	1
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D89	6	3	1
D90	6	3	1
D91	6	3	1
D92	6	3	1
D93	7	3	1
D94	7	3	1
D95	7	3	1
D96	7	3	1
D97	7	3	1
D98	7	3	1
D99	7	3	1
D100	8	3	1
D101	8	3	1
D102	8	3	1
D103	8	3	1
D104	8	3	1
D105	8	3	1
D106	8	3	1
D107	9	3	1
D108	9	3	1
D109	9	3	1
D110	9	3	1
D111	9	3	1
D112	9	3	1
D113	9	3	1
D114	10	3	1
D115	10	3	1
D116	10	3	1
D117	10	3	1
D118	10	3	1
D119	10	3	1
D120	10	3	1

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D121	11	3	1
D122	11	3	1
D123	11	3	1
D124	11	3	1
D125	11	3	1
D126	11	3	1
D127	11	3	1
D128	12	3	1
D129	12	3	1
D130	12	3	1
D131	12	3	1
D132	12	3	1
D133	12	3	1
D134	12	3	1
D135	13	3	1
D136	13	3	1
D137	13	3	1
D138	13	3	1
D139	13	3	1
D140	13	3	1
D141	14	3	1
D142	14	3	1
D143	14	3	1
D144	14	3	1
D145	14	3	1
D146	31	3	2
D147	31	3	2
D148	30	3	2
D149	31	3	2
D152	14	3	1
D153	14	3	1
D154	15	3	1
D155	15	3	1
D156	15	3	1
D157	15	3	1
D158	15	3	1

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
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D159	15	3	1
D160	15	3	1
D161	16	3	1
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D163	16	3	1
D164	16	3	1
D165	16	3	1
D166	16	3	1
D167	16	3	1
D168	17	3	1
D169	17	3	1
D171	31	3	2
D172	17	3	1
D173	17	3	1
D174	19	3	2
D175	19	3	2
D176	20	3	2
D177	20	3	2
D178	20	3	2
D179	21	3	2
D180	21	3	2
D181	22	3	2
D182	22	3	2
D183	23	3	2
D184	23	3	2
D185	23	3	2
D186	25	3	2
D187	26	3	2
D188	26	3	2
D189	26	3	2
D190	27	3	2
D192	27	3	2
D193	28	3	2
D194	28	3	2
D195	28	3	2
D196	29	3	2

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D197	29	3	2
D198	33	3	5
D199	34	3	5
D200	34	3	5
D201	35	3	5
D202	33	3	5
D203	31	3	3
D204	33	3	5
D205	32	3	3
D218	36	5	2
D330	44	8	2
D352	18	3	1
D353	17	3	1
D354	17	3	1
D355	24	3	2
D356	24	3	2
D357	25	3	2
D385	38	6	1
D746	17	3	1
D750	30	3	2
D758	18	3	1
D759	18	3	1
D760	18	3	1
D761	18	3	1
D762	18	3	1
D763	44	8	2
C764	45	8	2
D801	36	5	2
D802	36	5	3
D803	36	5	3
D804	36	5	3
D805	36	5	3
D806	37	5	3
D807	37	5	3
D808	37	5	3
D809	37	5	3

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D810	37	5	3
D811	37	5	3
D812	37	5	3
D813	38	5	3
D823	38	7	1
D824	39	7	2
D829	40	7	3
D832	41	7	6
D834	42	7	7
D835	43	7	8
D836	41	7	5
D838	40	7	4
D840	44	7	10
E847	46	11	0
E852	46	11	0
E853	46	11	0
E854	46	11	0
D856	1	1	2
D857	3	1	3
D858	18	3	1
D859	30	3	2
D859	32	3	3
D862	36	5	2
D865	39	7	1
D866	40	7	2
D867	40	7	3
D868	41	7	4
D869	41	7	5
D870	42	7	6
D871	43	7	7
D872	43	7	8
D874	44	7	10
D926	45	9	2

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

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

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

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

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

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the monthly (or quarterly where applicable) and subsequent repair and reinspection of VOC fugitive components subject to Rule 1173.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007]

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

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

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

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F39.1 All permit conditions listed in Sections D, H, or K of the facility permit that only reference a Title V District rule do not yet apply to this facility. A Title V District rule means Rule 3000, 3001, 3002, 3003, 3004, 3005, 3006, or 3007.

Any permit condition or emission limit that references an older version of a District rule that is still federally-enforceable will not be enforced by the District.

This condition will be removed when the final Title V permit is issued to the facility.

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

40CFR80
 Title 13, California Code of Regulations

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

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

SYSTEM CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
HAPs	40CFR63, SUBPART	EEEE

[RULE 462, 5-14-1999; 40CFR 63 Subpart EEEE, 7-28-2006]

[Systems subject to this condition : Process 7, System 1 , 2 , 3 , 4 , 5 , 8 , 10; Process 8, System 2]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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	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 1178, 12-21-2001; RULE 1178, 4-7-2006; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

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

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	GGGGG

[40CFR 63 Subpart GGGGG, 10-8-2003]

[Systems subject to this condition : Process 6, System 1 , 2 , 3 , 4]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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
HAPs	40CFR63, SUBPART	R

[40CFR 63 Subpart R, 12-19-2003]

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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) 379029:

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 fugitive components in VOC service shall be inspected monthly using EPA reference Method 21. The operator may revert to a quarterly inspection upon District approval, after two consecutive months of inspections in which only two percent or less of the fugitive components are detected to leak over 500 ppm above background.

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

All valves shall be bellow-seal 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 the horizontal position), special application valves with space limitation, and valves not commercially available. The District shall approve all exceptions to this requirement.

The District shall approve all exceptions to this requirement. All valves and major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all components shall be identified as BACT components in the record.

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

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

DEVICE CONDITIONS

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 2.4 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D75]

- B22.3 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.7 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D78]

- B22.4 The operator shall not use this equipment with materials having a(n) true vapor pressure of 3.3 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D81]

- B22.5 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 463, 5-6-2005]

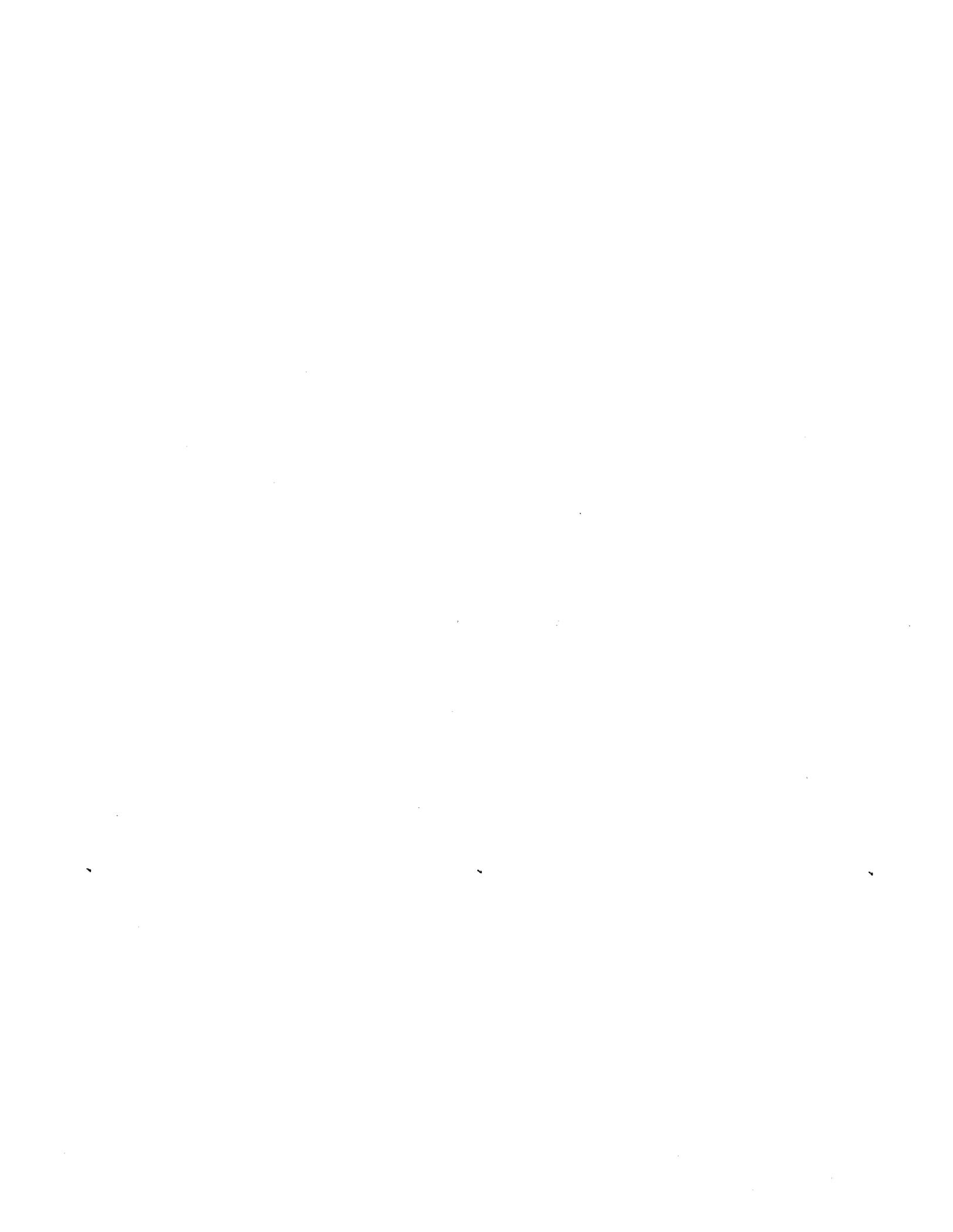
[Devices subject to this condition : D146, D148, D152, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D186, D187, D188, D189, D190, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D203, D356, D750]

- B22.6 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.

Material Safety Data Sheet (MSDS) shall be used to demonstrate compliance with this condition

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

[Devices subject to this condition : D147, D149, D153, D155, D156, D157, D158, D159, D160, D161, D185, D357]



FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.05 psia or greater under actual operating conditions.
- [RULE 1303(b)(2)-Offset, 5-10-1996]**
- [Devices subject to this condition : D154]
- B22.8 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 1303(b)(2)-Offset, 5-10-1996]**
- [Devices subject to this condition : D353, D354, D746]
- B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.001 psia or greater under actual operating conditions.
- [RULE 1303(b)(2)-Offset, 5-10-1996]**
- [Devices subject to this condition : D758, D759]
- B22.10 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.025 psia or greater under actual operating conditions.
- [RULE 1303(b)(2)-Offset, 5-10-1996]**
- [Devices subject to this condition : D117]
- B22.12 The operator shall not use this equipment with materials having a(n) true vapor pressure of 3 psia or greater under actual operating conditions.
- [RULE 1303(b)(2)-Offset, 5-10-1996]**
- [Devices subject to this condition : D204]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 07-dec-1990.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D117, D758, D759]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 :

Identified by Name or Chemical Abstract Service (CAS) Number:

Acetone (CAS No. 67-64-1); Deodorized Kerosene (CAS No. 64742-96-7);
Diacetone Alcohol (CAS No. 123-42-2); Dibasic Ester (Blend); Diethylene Glycol (CAS No. 111-46-6);
Diethylene Glycol Monobutyl Ether or Butyl Dioxitol (CAS No. 112-34-5);
Dimethyl Formamide (CAS No. 68-12-2); Dion Oil (CAS No. 64742-46-7);
Dipropylene Glycol Monomethyl Ether, Glycol Ether DPM or Methyl Diproxitol (CAS No. 34590-94-8);
E93 (CAS No. 68477-31-6); Envirolite (CAS No. 64742-88-7); Ethyl Acetate (CAS No. 141-78-6);
Ethyl Alcohol (CAS No. 64-17-5); Ethyl Alcohol Oxygenate (No CAS No.);
Ethylene Glycol (CAS No. 107-21-1);
Glycol Ether EB, Butyl Oxitol, or Ethylene Glycol Monobutyl Ether (CAS No. 111-76-2);
Glycol Ether PM Acetate, Propylene Glycol Monomethyl Ether Acetate, or PMA (CAS No. 108-65-6);
Glycol Ether PM, Propylene Glycol Monomethyl Ether, or PM (CAS No. 107-98-2);
Heptane (CAS No. 64742-89-8); Hexane (CAS No. 110-54-3); Hexylene Glycol (CAS No. 107-41-5);
Isobutyl Acetate (CAS No. 110-19-0); Isobutyl Alcohol (CAS No. 78-83-1);
Isopropyl Alcohol (CAS No. 67-63-0); Kwik Dri (CAS No. 8052-41-3); Lacolene (CAS No. 64742-89-8);
Low NOx Fuel (Blend) (no CAS No.); Methyl Alcohol (CAS No. 67-56-1);
Methyl n-Amyl Ketone (CAS No. 110-43-0); MS 66 (CAS No. 8052-41-3);
Methyl Ethyl Ketone (CAS No. 78-93-3); Methyl Isobutyl Ketone (CAS No. 108-10-1);
n-Butyl Acetate (CAS No. 123-86-4); n-Butyl Alcohol (CAS No. 71-36-3);
Odorless Mineral Spirits or OMS (CAS No. 64741-65-7); Propylene Glycol (CAS No. 57-55-6);
s-Butyl Alcohol (CAS No. 78-92-2); Solvent A100 (CAS No. 64742-95-6);
Solvent A150 (CAS No. 64742-94-5); Solvent B HT (CAS No. 64742-89-8);
Solvent D38 (CAS No. 64742-88-7); Solvent D60 (CAS No. 64742-88-7);
Solvent W HT (CAS No. 64742-89-8); Toluene (CAS No. 108-88-3);
VM&P Naphtha HT (CAS No. 64742-20-7); Xylene (CAS No. 1330-20-7)

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001]

[Devices subject to this condition : D71, D85, D93, D94, D95, D96, D99, D102, D103, D105, D116, D118,

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

D120, D122, D124, D125, D126, D129, D130, D131, D132, D133, D134, D137, D162, D164, D165, D166,
D167, D168, D760, D762, D836, D838, D840]

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

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

Identified by Name or Chemical Abstract Service (CAS) Number:

Bio-Diesel, Petroleum Diesel, Jet products(or mixtures of these)

Acetone (CAS No. 67-64-1); Deodorized Kerosene (CAS No. 64742-96-7);

Diacetone Alcohol (CAS No. 123-42-2); Dibasic Ester (Blend); Diethylene Glycol (CAS No. 111-46-6);

Diethylene Glycol Monobutyl Ether or Butyl Dioxitol (CAS No. 112-34-5);

Dimethyl Formamide (CAS No. 68-12-2); Dion Oil (CAS No. 64742-46-7);

Dipropylene Glycol Monomethyl Ether, Glycol Ether DPM or Methyl Diproxitol (CAS No. 34590-94-8);

E93 (CAS No. 68477-31-6); Envirolite (CAS No. 64742-88-7); Ethyl Acetate (CAS No. 141-78-6);

Ethyl Alcohol (CAS No. 64-17-5); Ethyl Alcohol Oxygenate (No CAS No.);

Ethylene Glycol (CAS No. 107-21-1);

Glycol Ether EB, Butyl Oxitol, or Ethylene Glycol Monobutyl Ether (CAS No. 111-76-2);

Glycol Ether PM Acetate, Propylene Glycol Monomethyl Ether Acetate, or PMA (CAS No. 108-65-6);

Glycol Ether PM, Propylene Glycol Monomethyl Ether, or PM (CAS No. 107-98-2);

Heptane (CAS No. 64742-89-8); Hexane (CAS No. 110-54-3); Hexylene Glycol (CAS No. 107-41-5);

Isobutyl Acetate (CAS No. 110-19-0); Isobutyl Alcohol (CAS No. 78-83-1);

Isopropyl Alcohol (CAS No. 67-63-0); Kwik Dri (CAS No. 8052-41-3); Lacolene (CAS No. 64742-89-8);

Low NOx Fuel (Blend) (no CAS No.); Methyl Alcohol (CAS No. 67-56-1);

Methyl n-Amyl Ketone (CAS No. 110-43-0); MS 66 (CAS No. 8052-41-3);

Methyl Ethyl Ketone (CAS No. 78-93-3); Methyl Isobutyl Ketone (CAS No. 108-10-1);

n-Butyl Acetate (CAS No. 123-86-4); n-Butyl Alcohol (CAS No. 71-36-3);

Odorless Mineral Spirits or OMS (CAS No. 64741-65-7); Propylene Glycol (CAS No. 57-55-6);

s-Butyl Alcohol (CAS No. 78-92-2); Solvent A100 (CAS No. 64742-95-6);

Solvent A150 (CAS No. 64742-94-5); Solvent B HT (CAS No. 64742-89-8);

Solvent D38 (CAS No. 64742-88-7); Solvent D60 (CAS No. 64742-88-7);

Solvent W HT (CAS No. 64742-89-8); Toluene (CAS No. 108-88-3);

VM&P Naphtha HT (CAS No. 64742-20-7); Xylene (CAS No. 1330-20-7)

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D823, D824, D829, D835]

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the throughput to no more than $1.877e+06$ barrel(s) in any one year.

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

[Devices subject to this condition : D204]

C1.4 The operator shall limit the throughput to no more than 730000 barrel(s) in any one year.

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

[Devices subject to this condition : D202]

C1.5 The operator shall limit the number of turnovers to no more than 15 in any one year.

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

[Devices subject to this condition : D203]

C1.8 The operator shall limit the unloading rate to no more than 300 gallon(s) per minute.

For the purpose of this condition, the above unloading rate limit shall be defined as for hydrocarbon solvents.
For acetone and methyl ethyl ketone, the unloading rate is limited to a maximum of 270 gpm.

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

[Devices subject to this condition : D834]

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

C1.9 The operator shall limit the unloading rate to no more than 300 gallon(s) per minute.

For the purpose of this condition, unloading rate shall be defined as for each commodity.

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

[Devices subject to this condition : D835]

C1.10 The operator shall limit the loading rate to no more than 300 gallon(s) per minute.

This condition shall not apply if equipment ID Nos. D41, D85, D122, D167 and D168 are not being filled.

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

[Devices subject to this condition : D120]

C1.12 The operator shall limit the number of turnovers to no more than 120 in any one year.

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

[Devices subject to this condition : D205]

C1.20 The operator shall limit the throughput to no more than 500,000 gallon(s) in any one calendar month.

IPA throughput shall be determined from a meter on the IPA stream to the tank.

The meter shall be equipped with a non-resetting totalizer.

The meter shall be calibrated at least annually.

The operator shall keep monthly records on the IPA fed to this tank.

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 1401, 6-15-2001]

[Devices subject to this condition : D33]

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

C1.21 The operator shall limit the throughput to no more than 500,000 gallon(s) in any one calendar month.

Throughput shall be determined from meters on the input streams to the tank.

The meters shall be equipped with a non-resetting totalizer.

The meters shall be calibrated at least annually.

The operator shall keep monthly records of the throughput for this tank.

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 1401, 6-15-2001]

[Devices subject to this condition : D41]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.22 The operator shall limit the throughput to no more than 50,677 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D71]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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

C1.23 The operator shall limit the throughput to no more than 33,720 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D85]

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

C1.24 The operator shall limit the throughput to no more than 149,000 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D93, D94, D95, D99, D102, D105, D116]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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

C1.25 The operator shall limit the throughput to no more than 150,677 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D103, D118, D120, D122, D129, D131, D760]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.26 The operator shall limit the throughput to no more than 528,677 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D124, D126, D130, D132, D133, D134]

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

C1.27 The operator shall limit the throughput to no more than 42,000 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D162, D164, D165]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.28 The operator shall limit the throughput to no more than 141,000 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D166, D168]

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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 500,000 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D167]

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

C1.30 The operator shall limit the throughput to no more than 1,351,300 gallon(s) in any one calendar month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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 1401, 6-15-2001]

[Devices subject to this condition : D762]

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

C1.31 The operator shall limit the throughput to no more than 2,637,540 gallon(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 1401, 6-15-2001]

[Devices subject to this condition : D823]

C1.32 The operator shall limit the throughput to no more than 1,868,740 gallon(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 1401, 6-15-2001]

[Devices subject to this condition : D824]

C1.33 The operator shall limit the throughput to no more than 8,160,740 gallon(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 1401, 6-15-2001]

[Devices subject to this condition : D829]

C1.34 The operator shall limit the throughput to no more than 41,667 gallon(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 1401, 6-15-2001]

[Devices subject to this condition : D838]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.35 The operator shall limit the throughput to no more than 83,334 gallon(s) in any one calendar month.

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

For the purpose of this condition, throughput shall be defined as material loaded into tank cars and does not include unloading of material from tank cars.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001]

[Devices subject to this condition : D835, D836, D840]

C1.36 The operator shall limit the load to no more than 300 cubic feet per minute.

For the purpose of this condition, the load shall be defined as as the total waste gas flow to this equipment measured in actual cubic feet per minute.

The operator shall use a flowmeter and recorder to continuously measure and record the waste gas flow rate to the afterburner.

The flow meter shall be calibrated according to manufacturer specifications.

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

This waste gas limit is based on the waste gas flow rate at which the vapor control system demonstrated compliance with the 99% VOC control efficiency limit of permit condition E193.2 and the SCAQMD Rule 462 VOC limit of 0.08 lb. per thousand gallons of organic liquid transferred.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 462, 5-14-1999]

[Devices subject to this condition : C764]

C1.37 The operator shall limit the throughput to no more than 9.125e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D146, D148, D152, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D186, D187, D188, D189, D190, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D353, D354, D356, D357, D750]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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 7.3e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D147, D149, D153, D154, D155, D156, D157, D158, D159, D160, D161, D746]

C1.42 The operator shall limit the operating time to no more than 199.99 hour(s) in any one year.

For the purpose of this condition, the operating time is inclusive of the time allotted for maintenance and testing.

[RULE 1110.2, 11-14-1997; RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]

[Devices subject to this condition : D926]

C1.43 The operator shall limit the operating time to no more than 30 hour(s) in any one year.

For the purpose of this condition, operating time is defined as the time used solely maintenance and testing.

[RULE 1470, 3-4-2005]

[Devices subject to this condition : D926]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.44 The operator shall limit the fuel usage to no more than 8.9 MM cubic feet in any one calendar month.

For the purpose of this condition, fuel usage shall be defined as natural gas usage and cubic feet shall be defined as standard cubic feet.

The operator shall use a totalizing flow meter to continuously measure the natural gas flow rate to the afterburner.

The operator shall record the calendar monthly natural gas usage as determined from the totalizing flow meter.

The flow meter shall be calibrated according to manufacturer specifications.

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

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

[Devices subject to this condition : C764]

C1.45 The operator shall limit the fuel usage to no more than 21,904,762 cubic feet per year.

For the purpose of this condition, fuel usage shall be defined as natural gas usage, cubic feet shall be defined as standard cubic feet, and year shall be defined as RECLAIM reporting year of July 1 through June 30 for a Cycle 2 RECLAIM Facility.

The operator shall use a totalizing flow meter to continuously measure the natural gas flow rate to the afterburner.

The flow meter shall be calibrated according to manufacturer specifications.

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

[RULE 2012(e)(1)(A)(i)-NOx Process Unit, 12-7-1995]

[Devices subject to this condition : C764]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.47 The operator shall limit the throughput to no more than 300,000 barrel(s) in any one month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way liquid surface level movement in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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; RULE 1401, 6-15-2001]

[Devices subject to this condition : D135]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.48 The operator shall limit the throughput to no more than 90,079 barrel(s) in any one month.

The operator shall use an automatic tank level gauge (ATLG) to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded hourly and these hourly levels will be used to calculate level changes. The hourly level readings shall be used to calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $5.9 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way liquid surface level movement in feet per month as determined by the hourly level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its discovery. During the period of failure or shutdown, throughput shall be determined by hourly liquid level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by hourly tank level data averaged for the previous 30 calendar days, unless it is documented that the liquid level did not change between the beginning and end of the period of routine maintenance.

The operator shall keep monthly records on the throughput and the Reid vapor pressure for each commodity stored in the 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; RULE 1401, 6-15-2001]

[Devices subject to this condition : D136]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 50 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 floating roof twice a year at a 4 to 8 month interval.

[RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D148, D174, D175, D176, D177, D178, D179, D180, D181, D182, D184, D185, D186, D187, D188, D189, D190, D192, D193, D194, D355, D750]

- C6.2 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration. The operator shall monitor the Lower Explosive Limit once every six months.

[RULE 1178, 4-7-2006; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D195, D196, D197, D356, D357]

- C6.5 The operator shall use this equipment in such a manner that the pressure being monitored, as indicated below, does not exceed 2.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure in the vapor holding tank.

The measuring device or gauge shall be accurate to within within plus or minus 0.2 inches water column. It shall be calibrated once every 12 months.

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

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

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

[Devices subject to this condition : D330, D763]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- C6.6 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 100 Deg F.

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; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D135, D136]

- C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediately downstream from the firebox.

The operator shall calibrate and maintain the temperature measurement system per the manufacturer's recommendation. It shall be calibrate once every 12 months. The temperature measurement system shall be accurate to within plus or minus 50 degrees F.

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(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 462, 5-14-1999]

[Devices subject to this condition : C764]

D. Monitoring/Testing Requirements

- D12.1 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 1470, 3-4-2005; RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the engine.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]

[Devices subject to this condition : D926]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted after District approval of a source test protocol submitted in accordance with Section E- Administrative condition.

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

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

The test shall be conducted to determine: 1) the VOC emission rate at the inlet and exhaust of the thermal oxidizer, 2) the VOC control efficiency of the thermal oxidizer, and 3) mass emission rates of NOX, CO, and excess O2 at the exhaust of the thermal oxidizer. The loading rate in barrels per hour shall also be recorded during the source test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C764]

D90.1 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

[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 : C3, C24]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E17.1 The operator shall not fill more than 2 of the following items simultaneously:

Device ID: D133 [STORAGE TANK, NO. 30-6]

Device ID: D130 [STORAGE TANK, NO. 30-4]

Device ID: D132 [STORAGE TANK, NO. 30-5]

Device ID: D134 [STORAGE TANK, NO. 30-7]

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

[Devices subject to this condition : D130, D132, D133, D134]

E17.2 The operator shall not fill more than 1 of the following items simultaneously:

Device ID: D167 [STORAGE TANK, NO. 7001A]

This condition shall only apply when the filling rate is greater than 300 gpm.

Device ID: D85 [STORAGE TANK, NO. 12-6]

Device ID: D122 [STORAGE TANK, NO. 20-5]

Device ID: D168 [STORAGE TANK, NO. 7002]

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

[Devices subject to this condition : D85, D122, D167, D168]

E17.3 The operator shall not fill more than 1 of the following items simultaneously:

Device ID: D71 [STORAGE TANK, NO. 12-14]

Device ID: D166 [STORAGE TANK, NO. 6004]

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

[Devices subject to this condition : D71, D166]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- E71.5 The operator shall not fill this equipment if any storage tank which is also connected to the gas holder, D330, is being filled, unless the filling is from the pipeline blender which produces a single stream at a rate of 300 gpm or less.

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

[Devices subject to this condition : D41]

- E71.9 The operator shall only use this equipment for the storage of any of the following commodities: Bio-Diesel , Petroleum Diesel , and jet products (or mixtures of these)..

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

[Devices subject to this condition : D135, D136]

- E131.1 The operator shall maintain a vapor-tight seal between the adaptor and compartment hatch when loading organic liquids.

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

[Devices subject to this condition : D823, D824, D829, D838]

- 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 each carbon.

[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 : C3, C24]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

If the height of the bladder reaches 24 feet, an audible alarm that can be heard at the Equilon and Ashland facilities shall be sounded and all loading, unloading, filling, blending, and washing operations that cause vapors to flow to this equipment shall be stopped immediately

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

[Devices subject to this condition : D330, D763]

E193.2 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall operate and maintain this equipment to achieve a minimum overall control efficiency of 99% for VOC

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : C764]

E193.4 The operator shall operate and maintain this equipment according to the following requirements:

This equipment shall only operate if utility electricity is not available

This equipment shall only be operated for the primary purpose of providing a backup source of power to drive a fire pump

This equipment shall only be operated for maintenance and testing, not to exceed 30 hours in any one year

An engine operating log shall be kept in writing, listing the date of operation, the elapsed time, in hours, and the reason for operation. The log shall be maintained for a minimum of 5 years and made available to AQMD personnel upon request

[RULE 1470, 3-4-2005]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E336.1 The operator shall vent the vent gases from this equipment as follows:

All nitrogen blowing of the unloading coupling and transfer hose shall be directed to tanks D162, D164 or D165 for a duration not to exceed 1 minute per disconnect. The opened hose shall then be capped.

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

[Devices subject to this condition : D835]

E336.2 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be vented to vapor holding tank T-7011 (D330) and/or vapor holding tank T-7012 (D763).

This equipment shall not be operated unless the vapor holding tank(s) are in full use and have a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001; RULE 462, 5-14-1999]

[Devices subject to this condition : D33, D41, D71, D85, D93, D94, D95, D96, D99, D100, D101, D102, D103, D105, D116, D118, D120, D122, D124, D125, D126, D128, D129, D130, D131, D132, D133, D134, D137, D162, D164, D165, D166, D167, D168, D760, D762, D823, D824, D829, D835, D836, D838, D840]

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

All vent gases shall be vented to afterburner H-7015 (C764), which shall be in full use and have a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001; RULE 462, 5-14-1999]

[Devices subject to this condition : D330, D763]

H. Applicable Rules

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E847]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122
VOC	District Rule	1171

[RULE 1122, 7-11-1997; RULE 1122, 10-1-2004]

[Devices subject to this condition : E852]

H23.4 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 : E854]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 12-6-2002]

[Devices subject to this condition : D385, D809, D810, D811, D812, D813, D856, D857, D858, D859, D862, D865, D866, D867, D868, D869, D870, D871, D872, D874]

H23.12 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 : D27, D28, D29, D30, D32, D71, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D98, D99, D102, D103, D104, D105, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D116, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D129, D130, D131, D132, D133, D134, D137, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D152, D153, D154, D155, D156, D157, D158, D159, D160, D161, D162, D163, D164, D165, D166, D167, D168, D169, D171, D172, D173, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D186, D187, D188, D189, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D203, D204, D205, D353, D354, D356, D357, D746, D750, D760, D761, D762, D832, D834, D856, D857, D858, D859, D870, D871]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

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
HAPs	40CFR63, SUBPART	R

[40CFR 63 Subpart R, 4-6-2006]

[Devices subject to this condition : D92, D97, D98, D104, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D119, D121, D123, D127, D139, D141, D142, D143, D144, D145, D146, D148, D152, D169, D171, D172, D173, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D186, D187, D188, D189, D190, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D202, D203, D355, D356, D746, D750, D761, D858, D859]

H23.14 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

[RULE 1470, 11-3-2005]

[Devices subject to this condition : D926]

I. Administrative

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- 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.

To comply with this condition, the operator shall, prior to each compliance year hold minimum NOx RTCs of 1,129 lbs and minimum SOx RTCs of 75 lbs

In accordance with Rule 2005(f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the 1st compliance year

[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]

[Devices subject to this condition : D926]

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):

Throughput and vapor pressure of the stored liquid

[RULE 463, 5-6-2005]

[Devices subject to this condition : D64, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D86, D87, D88, D89, D90, D91, D92, D96, D97, D98, D104, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D117, D119, D121, D123, D125, D127, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D163, D169, D171, D172, D173, D352, D758, D759]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.6 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 109, 5-2-2003; RULE 1113, 11-8-1996; RULE 1113, 7-13-2007]

[Devices subject to this condition : E853]

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Date of operation, the elapsed time, in hours, and the reason for operation

[RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]

[Devices subject to this condition : D926]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 NO_x 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 compound 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 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 Regulation, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x 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 NO_x or SO_x source, respectively. [2001]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 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. 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
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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:

Not Applicable

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

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 June 30, 1997 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
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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:

Not Applicable

- 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 NO_x or SO_x 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]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

**FACILITY PERMIT TO OPERATE
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**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

Not Applicable

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]

SOx Reporting Requirements

D. The Operator of a SOx Major Source, as defined in Rule 2011, shall, as applicable:

Not Applicable

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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
System 5 : OPERATING WATER HANDLING SYSTEM					
FILTER, SE-4592, COALESCER, SERVING TANK 721, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D351				
PUMP, CENTRIFUGAL, P-8582, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D726				H23.5
FILTER, SE-4598, COALESCER, SERVING TANK 576, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D727				
PUMP, CENTRIFUGAL, P-8588, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D728				H23.5
FILTER, SE-4595, COALESCER, SERVING TANK 582, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D729				
PUMP, CENTRIFUGAL, P-8585, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D730				H23.5

- * (1) Denotes RECLAIM emission factor
 (2) 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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4596, COALESCER, SERVING TANK 586, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D731				
PUMP, CENTRIFUGAL, P-8586, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D732				H23.5
FILTER, SE-4597, COALESCER, SERVING TANK 587, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D733				
PUMP, CENTRIFUGAL, P-8587, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D734				H23.5
FILTER, SE-4593, COALESCER, SERVING TANK 722, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D735				
PUMP, CENTRIFUGAL, P-8583, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D736				H23.5

- * (1) Denotes RECLAIM emission factor
- (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4594, COALESCER, SERVING TANK 723, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D737				
PUMP, CENTRIFUGAL, P-8584, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D738				H23.5
FILTER, SE-4599, COALESCER, SERVING TANK 508, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D739				
PUMP, CENTRIFUGAL, P-8589, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D740				H23.5
FILTER, SE-4600, COALESCER, SERVING TANK 512, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D741				
PUMP, CENTRIFUGAL, P-8590, SEALLESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D742				H23.5

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| <ul style="list-style-type: none"> * (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements |
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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4601, COALESCER, SERVING TANK 513, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D743				
PUMP, CENTRIFUGAL, P-8591, SEALESS, WITH 3-HP MOTOR A/N: 348879 † Permit to Construct Issued: 06/03/97	D744				H23.5
TANK, HOLDING, M-2548, WASTE WATER, 3000 GALS; DIAMETER: 8 FT; HEIGHT: 9 FT A/N: 348879 † Permit to Construct Issued: 06/03/97	D745				
FILTER, SE-4619, COALESCER, SERVING TANK 501, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D765				
FILTER, SE-4620, COALESCER, SERVING TANK 502, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D766				
FILTER, SE-4621, COALESCER, SERVING TANK 504, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D767				

- * (1) Denotes RECLAIM emission factor
 (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4622, COALESCER, SERVING TANK 505, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D768				
FILTER, SE-4623, COALESCER, SERVING TANK 506, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D769				
FILTER, SE-4624, COALESCER, SERVING TANK 507, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D770				
FILTER, SE-4625, COALESCER, SERVING TANK 509, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D771				
FILTER, SE-4626, COALESCER, SERVING TANK 510, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D772				
FILTER, SE-4627, COALESCER, SERVING TANK 511, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D773				

- * (1) Denotes RECLAIM emission factor
 (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4628, COALESCER, SERVING TANK 514, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D774				
FILTER, SE-4629, COALESCER, SERVING TANK 515, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D775				
FILTER, SE-4630, COALESCER, SERVING TANK 560, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D776				
FILTER, SE-4631, COALESCER, SERVING TANK 561, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D777				
FILTER, SE-4632, COALESCER, SERVING TANK 564, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D778				
FILTER, SE-4633, COALESCER, SERVING TANK 565, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D779				

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4634, COALESCER, SERVING TANK 566, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D780				
FILTER, SE-4635, COALESCER, SERVING TANK 568, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D781				
FILTER, SE-4636, COALESCER, SERVING TANK 569, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D782				
FILTER, SE-4637, COALESCER, SERVING TANK 580, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D783				
FILTER, SE-4638, COALESCER, SERVING TANK 581, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D784				
FILTER, SE-4639, COALESCER, SERVING TANK 585, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D785				

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

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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4640, COALESCER, SERVING TANK 725, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D786				
FILTER, SE-4641, COALESCER, SERVING TANK 726, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D787				
FILTER, SE-4642, COALESCER, SERVING TANK 727, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D788				
FILTER, SE-4643, COALESCER, SERVING TANK 729, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D789				
FILTER, SE-4644, COALESCER, SERVING TANK 730, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D790				
FILTER, SE-4645, COALESCER, SERVING TANK 733, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D791				

- * (1) Denotes RECLAIM emission factor
 (2) 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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : OIL WATER SEPARATORS					
FILTER, SE-4646, COALESCER, SERVING TANK 503, LENGTH: 3 FT 8 IN; DIAMETER: 1 FT 4 IN A/N: 348879 † Permit to Construct Issued: 06/03/97	D792				
PUMP, (28), AIR OPERATED DIAPHRAGM, 20 GPM EACH A/N: 348879 † Permit to Construct Issued: 06/03/97	D793				H23.5
OIL WATER SEPARATOR, FIXED ROOF, SE-4616, 100 GPM, WIDTH: 4 FT; HEIGHT: 11 FT; LENGTH: 14 FT A/N: 348879 † Permit to Construct Issued: 06/03/97	D815	C817			H23.15
PUMP, FEED WATER, P-8659, AIR OPERATED DIAPHRAGM, 100 GPM A/N: 348879 † Permit to Construct Issued: 06/03/97	D816				H23.5
CARBON ADSORBER, ACTIVATED CARBON, 150 LBS A/N: 348879 † Permit to Construct Issued: 06/03/97	C817	D815			D90.1, E129.1, E153.1

- * (1) Denotes RECLAIM emission factor
- (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
System 2 : INTERNAL FLOATING ROOF TANKS					S13.2
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 572, GASOLINE OR ISO-OCTANE, 79398 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 10 IN WITH A/N: 418357 Permit to Construct Issued: 01/29/04 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D150				C1.19, C6.3, H23.10, H23.13, K67.5
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 573, GASOLINE OR ISO-OCTANE, 80065 BBL; DIAMETER: 117 FT 5 IN; HEIGHT: 41 FT 6 IN WITH A/N: 418358 Permit to Construct Issued: 01/29/04 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D151				C1.19, C6.3, H23.10, H23.13, K67.5

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|--|---|
| <ul style="list-style-type: none"> * (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements |
|--|---|

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 506, JET FUEL (JP4), GASOLINE, DIESEL FUEL, ETHANOL, 79183 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 6 IN WITH A/N: 411432 Permit to Construct Issued: 05/16/03 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D175				B22.5, C1.17, C6.2, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 511, WITH A 25 H.P. MIXER, 79008 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 5 IN WITH A/N: 443364 Permit to Construct Issued: 06/15/05 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE	D176				B22.5, C1.17, C6.1, H23.12, H23.13

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| <ul style="list-style-type: none"> * (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements |
|--|--|

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 570, WITH A 20 H.P. MIXER, 79142 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 397735 Permit to Construct Issued: 09/16/05 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, LIQUID MOUNTED, MULTIPLE WIPER SECONDARY SEAL, RIM MOUNTED, MULTIPLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D183				B22.5, C1.41, C6.3, E71.8, H23.11, H23.12, H23.13, K67.8, K171.2
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 583, PETROLEUM DISTILLATES, 117875 BBL; DIAMETER: 144 FT 2 IN; HEIGHT: 40 FT 6 IN WITH A/N: 456578 Permit to Construct Issued: 06/29/06 FLOATING ROOF, PAN, WELDED SHELL	D185				B22.6, C1.46, C6.1, H23.12

- * (1) Denotes RECLAIM emission factor
- (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 726, JET FUEL (JP4), GASOLINE, ETHANOL, FUEL OIL, 115603 BBL; DIAMETER: 144 FT 1 IN; HEIGHT: 40 FT 1 IN WITH A/N: 413667 Permit to Construct Issued: 05/16/03 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D190				B22.5, C1.17, C6.2, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 727, GASOLINE OR ISO-OCTANE, 117337 BBL; DIAMETER: 144 FT; HEIGHT: 40 FT 6 IN WITH A/N: 418360 Permit to Construct Issued: 01/29/04 FLOATING ROOF, PAN, WELDED SHELL	D191				C1.19, C6.3, H23.10, H23.13, K67.5

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|--|---|
| <ul style="list-style-type: none"> * (1) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.) (10) See Section J for NESHAP/MACT requirements |
|--|---|

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 725, JET FUEL (JP4), GASOLINE, ETHANOL, FUEL OIL, 115666 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 40 FT 2 IN WITH A/N: 413664 Permit to Construct Issued: 05/16/03 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D750				B22.5, C1.17, C6.2, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 562, JET FUEL (JP4), GASOLINE, ETHANOL, FUEL OIL, WITH A 20 H.P. MIXER, 76534 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 8 IN WITH A/N: 411179 Permit to Construct Issued: 06/27/03 FLOATING ROOF, PAN, WELDED SHELL	D146				B22.5, C1.17, C6.3, H23.13

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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 563, JET FUEL (JP4), GASOLINE, ETHANOL, FUEL OIL, 76534 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 411180 Permit to Construct Issued: 06/27/03 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D171				B22.5, C1.17, C6.3, H23.9, H23.13
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 567, 79295 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 448282 Permit to Construct Issued: 11/23/05 FLOATING ROOF, PAN, WELDED SHELL	D147				B22.5, C1.17, C6.3, H23.11, H23.12, H23.13, K67.8, K171.2

- * (1) Denotes RECLAIM emission factor
 (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE					
STORAGE TANK, INTERNAL FLOATING ROOF, TANK 571, 79160 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 399064 Permit to Construct Issued: 11/22/05 FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, MULTIPLE WIPER GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE WIPER, FLOAT, AND POLE FLOAT WIPER	D149				B22.13, C1.41, C6.3, E71.8, H23.11, H23.12, H23.13, K67.8, K171.2

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

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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
System 5 : DOMED EXTERNAL FLOATING ROOF TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, DOMED EXTERNAL FLOATING ROOF, TK 1134, GASOLINE, 55535 BBL; DIAMETER: 100 FT; HEIGHT: 40 FT WITH A/N: 414325 Permit to Construct Issued: 06/27/03 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D202				B22.5, C1.18, H23.6, H23.13
STORAGE TANK, EXTERNAL FLOATING ROOF, DOMED EXTERNAL FLOATING ROOF, TK 1515, GASOLINE, 33652 BBL; DIAMETER: 78 FT; HEIGHT: 40 FT WITH A/N: 418544 Permit to Construct Issued: 01/29/04 DOME COVER, GEODESIC	D204				B22.5, C1.18, C6.4, H23.9, H23.13, K67.5

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

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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
FLOATING ROOF, PAN, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, TK. 507, 78932 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 10 IN WITH A/N: 427867 Permit to Construct Issued: 05/14/04 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D198				B22.5, C1.39, C6.4, H23.6, H23.12, H23.13, K67.5
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, TK 509, 78735 BBL; DIAMETER: 117 FT 1 IN; HEIGHT: 41 FT 9 IN WITH A/N: 427872 Permit to Construct Issued: 05/14/04	D199				B22.5, C1.39, C6.4, H23.6, H23.12, H23.13, K67.5

- * (1) Denotes RECLAIM emission factor
- (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : STORAGE TANKS					
DOME COVER, GEODESIC FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 510, 78879 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 8 IN WITH A/N: 456577 Permit to Construct Issued: 06/29/06 DOME COVER, GEODESIC FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, SLOTTED	D200				B22.5, C1.39, C6.4, H23.12, H23.13, K67.5

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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : STORAGE TANKS					
STORAGE TANK, EXTERNAL FLOATING ROOF, TK 576, WITH A 30 H.P. MIXER, 124539 BBL; DIAMETER: 150 FT; HEIGHT: 40 FT WITH A/N: 452472 Permit to Construct Issued: 04/28/06 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, SLOTTED	D201				B22.5, C1.39, C6.4, H23.6, H23.12, H23.13, K67.5
Process 6 : GROUNDWATER TREATMENT SYSTEM					
System 2 : GROUNDWATER TREATMENT SYSTEM					
OIL WATER SEPARATOR, FIXED ROOF, CPI, GROUNDWATER, 300 BBL; WIDTH: 4 FT; HEIGHT: 11 FT; LENGTH: 11 FT A/N: 364661 Permit to Construct Issued: 03/10/00	D220	C845		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	S13.4

- * (1) Denotes RECLAIM emission factor
- (2) 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 EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : GROUNDWATER TREATMENT SYSTEM					
TANK, SURGE, NO. 2541, GROUNDWATER, 9034 GALS; DIAMETER: 10 FT; HEIGHT: 15 FT 6 IN A/N: 364661 Permit to Construct Issued: 03/10/00	D222	C845		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL, CONNECTED IN SERIES, EACH 55-GALLON DRUM A/N: 364661 Permit to Construct Issued: 03/10/00	C845	D220 D222			D90.1, E153.2
TANK, SURGE, NO. 2551, GROUNDWATER, 1000 GALS; DIAMETER: 6 FT; HEIGHT: 5 FT A/N: 364661 Permit to Construct Issued: 03/10/00	D843				
TANK, HOLDING, NO. 921, GROUNDWATER, 800000 GALS; DIAMETER: 60 FT; HEIGHT: 39 FT 5 IN A/N: 364661 Permit to Construct Issued: 03/10/00	D844	C846		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL, CONNECTED IN SERIES, EACH 55-GALLON DRUM A/N: 364661 Permit to Construct Issued: 03/10/00	C846	D844			D90.1, E153.2
PUMP, CENTRIFUGAL, P-8473, WITH SINGLE MECHANICAL SEAL, 10-HP A/N: 364661 Permit to Construct Issued: 03/10/00	D819				H23.5

- * (1) Denotes RECLAIM emission factor (2) 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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : GROUNDWATER TREATMENT SYSTEM					
System 3 : GROUNDWATER BIOREACTOR TREATMENT SYSTEM					S13.4
REACTOR, BIOLOGICAL, WASTE WATER, 70,000 GALLON CAPACITY, FIBER GLASS PANEL FIXED ROOF COVER WITH PRV VALVE, WIDTH: 24 FT; HEIGHT: 11 FT; LENGTH: 42 FT A/N: 431329 Permit to Construct Issued: 11/24/04	D907	C915			D29.1, E193.3, K40.1
REACTOR, BIOLOGICAL, WASTE WATER, 70,000 GALLON CAPACITY, FIBERGLASS PANEL FIXED ROOF COVER WITH PRV VALVE, WIDTH: 24 FT; HEIGHT: 11 FT; LENGTH: 42 FT A/N: 431329 Permit to Construct Issued: 11/24/04	D908	C915			D29.1, E193.3, K40.1
BLOWER, THREE(3), AERATION, 350 CFM, MAXIMUM 2 IN OPERATION WITH ONE SPARE, 10 HP A/N: 431329 Permit to Construct Issued: 11/24/04	D909				E193.3
CLARIFIER, FOUR(4), COVERED, WIDTH: 12 FT; LENGTH: 12 FT A/N: 431329 Permit to Construct Issued: 11/24/04	D910				
TANK, SURGE, EFFLUENT EQUALIZING, 5000 GALS: DIAMETER: 7 FT 2 IN; HEIGHT: 6 FT 4.25 IN A/N: 431329 Permit to Construct Issued: 11/24/04	D911				

- * (1) Denotes RECLAIM emission factor
- (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : GROUNDWATER TREATMENT SYSTEM					
PUMP, BIOREACTOR FEED, 3HP A/N: 431329 Permit to Construct Issued: 11/24/04	D912				
PUMP, EFFLUENT, 15 HP A/N: 431329 Permit to Construct Issued: 11/24/04	D913				
PUMP, SLUDGE DEWATERING, 0.5 HP, 2 TOTAL A/N: 431329 Permit to Construct Issued: 11/24/04	D914				
System 4 : APC FOR GROUNDWATER BIOREACTOR TREATMENT SYSTEM					S13.4
CARBON ADSORBER, TOTAL OF TWO CONNECTED IN SERIES, VENT SCRUB, MODEL VSC-3000, 3000 LBS A/N: 434049 Permit to Construct Issued: 11/24/04	C915	D907 D908			D90.3, D94.1, E128.1, E153.3, E440.1
BLOWER, 1000 CFM, 5 HP, VENTING 2 BIOREACTORS A/N: 434049 Permit to Construct Issued: 11/24/04	D916				E193.3
Process 7 : CHEMICAL BULK LOADING					
System 11 : ETHANOL BULK LOADING RACK					S31.1
BULK MATERIAL LOADING STATION WITH A/N: 379029 Permit to Construct Issued: 01/22/03	D884	C887		TOC: 10 MG/L GASOLINE (8A) [40CFR 63 Subpart R, #1 (Major Sources), 12-19-2003] ; TOC: 35 MG/L GASOLINE (8) [40CFR 60 Subpart XX, 12-19-2003]	C1.16, E71.7, H23.8, K67.3, K67.7

- * (1) Denotes RECLAIM emission factor
- (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : CHEMICAL BULK LOADING					
LOADING ARM, BOTTOM, TANK TRUCK, ETHANOL, 6 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, 3 TOTAL; DIAMETER: 4 IN				VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 379029 Permit to Construct Issued: 01/22/03	D890				H23.5, H23.13
AFTERBURNER, JOHN ZINK, MODEL ZCS-2-6-35-X-2/8, NATURAL GAS, EQUIPPED WITH A DETONATION ARRESTORS, 18 MMBTU/HR WITH A/N: 379030 Permit to Construct Issued: 01/22/03 BURNER, 2 TOTAL, NATURAL GAS FUEL FIRED	C887	D884	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407,4-2-1982] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,5-6-2005] PM: (9) [RULE 404,2-7-1986] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011,12-7-1995 RULE 2011,5-6-2005]	C8.1, D28.1, K171.1

- * (1) Denotes RECLAIM emission factor
- (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : CHEMICAL BULK LOADING					
VESSEL, VAPOR HOLDER, TK-2552, 4,452 BBLS CAPACITY, HEIGHT: 35 FT; DIAMETER: 35 FT BLOWER, COMBUSTION AIR, 3 H.P. BLOWER, VAPOR, 15 H.P.					
STACK, HEIGHT: 35 FT; DIAMETER: 6 IN A/N: 379030 Permit to Construct Issued: 01/22/03	S889				
Process 8 : AIR POLLUTION CONTROL SYSTEM					
System 6 : SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM					
VAPOR EXTRACTION WELL, MULTIPLE WELLS A/N: 439557 Permit to Construct Issued: 06/15/05	D917	C919			E336.4
BLOWER, EXTRACTION, FLOWRATE 500 SCFM A/N: 439557 Permit to Construct Issued: 06/15/05	D918				
OXIDIZER, CATALYTIC, THERMAL, CATALYTIC/THERMAL UNIT, 467,100 BTU/HR, NATURAL GAS WITH A/N: 439557 Permit to Construct Issued: 06/15/05	C919	D917	NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-5-2003;RULE 2012,1-7-2005]	A229.3, B163.1, C1.40, D90.4

- * (1) Denotes RECLAIM emission factor (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : AIR POLLUTION CONTROL SYSTEM					
OXIDIZER, CATALYTIC, PLATINUM CATALYST ON STAINLESS STEEL MONOLITHIC TYPE, NATURAL GAS, WITH AN INTEGRAL HEAT EXCHANGER, A COMBUSTION BLOWER, 125 SCFM & TEMP-CONTROL, 0.467 MMBTU/HR	C920			PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; VOC: 77 PPMV (4) [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]	C6.7, C8.4, C409.1, D28.4, K40.2
OXIDIZER, THERMAL, NATURAL GAS, WITH AN INTEGRAL HEAT EXCHANGER, A COMBUSTION BLOWER, 125 SCFM & TEMP-CONTROL, 0.467 MMBTU/HR	C921				C8.3
OXIDIZER, REGENERATIVE THERMAL OXIDIZER, NATURAL GAS, 1.6 MMBTU/HR A/N:	C939		NOX: PROCESS UNIT**	BENZENE: 0.875 PPMV (6) [RULE 1401,3-4-2005] ; CO: 2000 PPMV (5); NOX: 130 LBS/MMSCF NATURAL GAS (1); PM: 0.1 GRAINS/SCF (5) VOC: 25 PPMV (4)	A229.2, A229.4, B163.2, C1.49, C8.3, E193.5, E193.6, E193.7, E193.8, E193.9, E336.5

- * (1) Denotes RECLAIM emission factor
- (2) 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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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 : AIR POLLUTION CONTROL SYSTEM					
BLOWER, EXTRACTION, FLOWRATE 6000 SCFM A/N:	D940				
VAPOR EXTRACTION WELL, MULTIPLE WELLS A/N:	D941				

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

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

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**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D146	14	3	2
D147	15	3	2
D149	16	3	2
D150	10	3	2
D151	10	3	2
D171	15	3	2
D175	11	3	2
D176	11	3	2
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D185	12	3	2
D190	13	3	2
D191	13	3	2
D198	18	3	5
D199	18	3	5
D200	19	3	5
D201	20	3	5
D202	17	3	5
D204	17	3	5
D220	20	6	2
D222	21	6	2
D351	1	2	5
D726	1	2	5
D727	1	2	5
D728	1	2	5
D729	1	2	5
D730	1	2	5
D731	2	2	5
D732	2	2	5
D733	2	2	5
D734	2	2	5
D735	2	2	5
D736	2	2	5
D737	3	2	5
D738	3	2	5
D739	3	2	5
D740	3	2	5

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D741	3	2	5
D742	3	2	5
D743	4	2	5
D744	4	2	5
D745	4	2	5
D750	14	3	2
D765	4	2	5
D766	4	2	5
D767	4	2	5
D768	5	2	5
D769	5	2	5
D770	5	2	5
D771	5	2	5
D772	5	2	5
D773	5	2	5
D774	6	2	5
D775	6	2	5
D776	6	2	5
D777	6	2	5
D778	6	2	5
D779	6	2	5
D780	7	2	5
D781	7	2	5
D782	7	2	5
D783	7	2	5
D784	7	2	5
D785	7	2	5
D786	8	2	5
D787	8	2	5
D788	8	2	5
D789	8	2	5
D790	8	2	5
D791	8	2	5
D792	9	2	5
D793	9	2	5
D815	9	2	5

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D816	9	2	5
C817	9	2	5
D819	21	6	2
D843	21	6	2
D844	21	6	2
C845	21	6	2
C846	21	6	2
D884	23	7	11
C887	24	7	11
S889	25	7	11
D890	24	7	11
D907	22	6	3
D908	22	6	3
D909	22	6	3
D910	22	6	3
D911	22	6	3
D912	23	6	3
D913	23	6	3
D914	23	6	3
C915	23	6	4
D916	23	6	4
D917	25	8	6
D918	25	8	6
C919	25	8	6
C920	26	8	6
C921	26	8	6
C939	26	8	6
D940	27	8	6
D941	27	8	6

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

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

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

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

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records of the monthly (or quarterly where applicable) and subsequent repair and reinspection of VOC fugitive components subject to Rule 1173.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007]

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

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

F39.1 All permit conditions listed in Sections D, H, or K of the facility permit that only reference a Title V District rule do not yet apply to this facility. A Title V District rule means Rule 3000, 3001, 3002, 3003, 3004, 3005, 3006, or 3007.

Any permit condition or emission limit that references an older version of a District rule that is still federally-enforceable will not be enforced by the District.

This condition will be removed when the final Title V permit is issued to the facility.

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

40CFR80
 Title 13, California Code of Regulations

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

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

SYSTEM CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
HAPs	40CFR63, SUBPART	EEEE

[RULE 462, 5-14-1999; 40CFR 63 Subpart EEEE, 7-28-2006]

[Systems subject to this condition : Process 7, System 1 , 2 , 3 , 4 , 5 , 8 , 10; Process 8, System 2]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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	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 1178, 12-21-2001; RULE 1178, 4-7-2006; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

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

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	GGGGG

[40CFR 63 Subpart GGGGG, 10-8-2003]

[Systems subject to this condition : Process 6, System 1 , 2 , 3 , 4]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

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
HAPs	40CFR63, SUBPART	R

[40CFR 63 Subpart R, 12-19-2003]

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

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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) 379029:

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 fugitive components in VOC service shall be inspected monthly using EPA reference Method 21. The operator may revert to a quarterly inspection upon District approval, after two consecutive months of inspections in which only two percent or less of the fugitive components are detected to leak over 500 ppm above background.

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

All valves shall be bellow-seal 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 the horizontal position), special application valves with space limitation, and valves not commercially available. The District shall approve all exceptions to this requirement.

The District shall approve all exceptions to this requirement. All valves and major components shall be physically identified in the field with special markings that distinguish the components from non-BACT components. Additionally, all components shall be identified as BACT components in the record.

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

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

DEVICE CONDITIONS

A. Emission Limits

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A229.2 The 25PPM emission limit is measured by an OVA using EPA Method 21 calibrated as methane. The VOC emission level shall be measured at the outlet of the vapor control system.

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

[Devices subject to this condition : C939]

A229.3 The 77PPM emission limit is measured by an OVA using EPA Method 21 calibrated as hexane. The VOC emission level shall be measured at the outlet of the vapor control system.

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

[Devices subject to this condition : C919]

A229.4 The 0.875PPM emission limit is measured by a grab sample. The Benzene emission level shall be measured at the outlet of the vapor control system.

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

[Devices subject to this condition : C939]

B. Material/Fuel Type Limits

B22.5 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 463, 5-6-2005]

[Devices subject to this condition : D146, D147, D171, D175, D176, D183, D190, D198, D199, D200, D201, D202, D204, D750]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 0.1 psia or greater under actual operating conditions.

Material Safety Data Sheet (MSDS) shall be used to demonstrate compliance with this condition

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

[Devices subject to this condition : D185]

- B22.13 The operator shall not use this equipment with materials having a(n) true vapor pressure of 8.2 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D149]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

B163.1 The operator shall only use this equipment subject to restrictions containing the following:

All vapor extraction wells and ducts shall be capped when not in use to prevent venting of vapors to the atmosphere. Vapors shall not be extracted from the soil unless they are vented to this equipment

An identification tag or nameplate shall be displayed on the equipment to show manufacturer model and/or serial numbers. The tag(s) or plate(s) shall be issued by the manufacturer, and shall be adhered to the equipment in a permanent and conspicuous position

Volatile organic compound (VOC) concentration shall be measured and recorded in parts per million by volume (ppmv) at the inlet and the outlet of this equipment once each week that this equipment is in operation. The operator shall use a flame ionization detector or other organic vapor analyzer (OVA) approved by the AQMD to measure the VOC concentration. The instrument shall be calibrated to hexane in ppmv.

Grab samples shall be collected at the inlet and outlet of this equipment within two weeks of the issuance of this permit and once each quarter thereafter. The samples shall be analyzed for VOC in ppmv reported as hexane, and speciated for benzene, toluene, ethylbenzene, and xylenes in accordance with AQMD approved methods

During the thermal mode of the oxidizer, the grab samples collected at the inlet shall be analyzed to determine that the concentration level for chlorinated compounds shall be lower than 7200 ppbv as methylene chloride to demonstrate compliance with the laboratory data submitted.

If a calibration gas other than hexane is used for calibrating the instrument used for VOC measurements, the concentration measured shall be correlated to and reported as methane

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

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

[Devices subject to this condition : C919]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

B163.2 The operator shall only use this equipment subject to restrictions containing the following:

All vapor extraction wells and ducts shall be capped when not in use to prevent venting of vapors to the atmosphere. Vapors shall not be extracted from the soil unless they are vented to this equipment

An identification tag or nameplate shall be displayed on the equipment to show manufacturer model and/or serial numbers. The tag(s) or plate(s) shall be issued by the manufacturer, and shall be adhered to the equipment in a permanent and conspicuous position

Volatile organic compound (VOC) concentration shall be measured and recorded in parts per million by volume(ppmv) at the inlet and the outlet of this equipment once each week that this equipment is in operation. The operator shall use a flame ionization detector or other organic vapor analyzer (OVA) approved by the AQMD to measure the VOC concentration. The instrument shall be calibrated to hexane in ppmv.

Grab samples shall be collected at the inlet and outlet of this equipment within two weeks of the issuance of this permit and once each quarter thereafter. The samples shall analyzed for VOC in ppmv reported as hexane, and speciated for benzene, toluene, ethylbenzene, and xylenes in accordance with AQMD approved methods

If a calibration gas other than hexane is used for calibrating the instrument used for VOC measurements, the concentration measured shall be correlated to and reported as methane

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

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

[Devices subject to this condition : C939]

C. Throughput or Operating Parameter Limits

C1.16 The operator shall limit the loading rate to no more than 30000 barrel(s) in any one day.

For the purpose of this condition, loading rate shall be defined as the rate of loading ethanol product.

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

[Devices subject to this condition : D884]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.17 The operator shall limit the throughput to no more than 760,420 barrel(s) in any one calendar month.

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each type of gasoline or Iso-octane stored in the equipment.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

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

[Devices subject to this condition : D146, D147, D171, D175, D176, D190, D750]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.18 The operator shall limit the throughput to no more than 60,834 barrel(s) in any one calendar month.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.

The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each type of gasoline or Iso-octane stored in the equipment.

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

[Devices subject to this condition : D202, D204]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.19 The operator shall limit the throughput to no more than 760,500 barrel(s) in any one calendar month.

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each type of gasoline or Iso-octane stored in the equipment.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

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

[Devices subject to this condition : D150, D151, D191]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.39 The operator shall limit the throughput to no more than 760,417 barrel(s) in any one calendar month.

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each commodity stored in the equipment.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

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

[Devices subject to this condition : D198, D199, D200, D201]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

CI.40 The operator shall limit the load to no more than 500 cubic feet per minute.

For the purpose of this condition, the load shall be defined as the extracted gas stream entering the oxidizer measured in standard cubic feet per minute.

The operator shall install and maintain a flowmeter and a recorder to measure the total load rate. In case a pressure sensor device is used in place of the flow indicator, a conversion chart shall be available to indicate the correspondent flow rate, in scfm, to the pressure reading.

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]

[Devices subject to this condition : C919]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.41 The operator shall limit the throughput to no more than 760,417 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, 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]

[Devices subject to this condition : D149, D183]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.46 The operator shall limit the throughput to no more than 608,334 barrel(s) in any one calendar month.

Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15-minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.

The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.

The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1/4 inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

The operator shall keep monthly records on the throughput and the Vapor Pressure for each commodity stored in the equipment.

In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.

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

[Devices subject to this condition : D185]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.49 The operator shall limit the load to no more than 6000 cubic feet per minute.

For the purpose of this condition, the load shall be defined as the extracted gas stream entering the oxidizer measured in standard cubic feet per minute.

The operator shall install and maintain a flowmeter and a recorder to measure the total load rate. In case a pressure sensor device is used in place of the flow indicator, a conversion chart shall be available to indicate the correspondent flow rate, in scfm, to the pressure reading.

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]

[Devices subject to this condition : C939]

C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 50 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 floating roof twice a year at a 4 to 8 month interval.

[RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D176, D185]

C6.2 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration. The operator shall monitor the Lower Explosive Limit once every six months.

[RULE 1178, 4-7-2006; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D175, D190, D750]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- C6.3 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use an explosimeter to monitor the lower explosive limit (LEL) on a semi-annual basis.

[RULE 1178, 12-21-2001; RULE 1178, 4-7-2006; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D146, D147, D149, D150, D151, D171, D183, D191]

- C6.4 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 floating roof twice a year at a 4 to 8 month interval.

[RULE 1178, 12-21-2001; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Devices subject to this condition : D198, D199, D200, D201, D204]

- C6.7 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 1200 Deg F.

The operator shall use a temperature recording device to accurately monitor the outlet temperature of the catalytic oxidizer.

[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 : C919]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 temperature being monitored, as indicated below, is not less than 1400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the fire chamber of the thermal oxidizer.

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

[Devices subject to this condition : C887]

- C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1600 Deg F.

This condition shall only apply whenever the regenerative thermal oxidizer is operating.

The operator shall install and maintain a temperature measurement and recording device at the outlet of the combustion chamber. The measuring device shall be accurate of minus or plus 20 degrees Fahrenheit.

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

[Devices subject to this condition : C919, C939]

- C8.4 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 600 Deg F.

This condition shall only apply whenever the catalytic/thermal oxidizer is operating in the catalytic mode.

The operator shall install and maintain a temperature measurement and recording device at inlet of the first stage catalyst bed. The measuring device shall be accurate of minus or plus 20 degrees Fahrenheit.

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

[Devices subject to this condition : C919]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C409.1 The operator shall ensure that the catalyst used in this equipment shall meet the following specified requirements:

The operators shall perform an annual catalyst activity test to demonstrate that the catalyst meets the manufacturer's specifications.

[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 : C919]

D. Monitoring/Testing Requirements

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted in accordance with the approved protocol.

The test shall be conducted at least annually.

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 no later than 180 days after the construction is completed.

The test shall be conducted at least at two different combustion temperatures, 850 and 1400 degrees Fahrenheit.

The test shall be conducted to determine: 1) the VOC emission rate at the inlet and exhaust of the thermal oxidizer, 2) the VOC control efficiency of the thermal oxidizer, 3) mass emission rates of NOX, CO, and excess O2 at the exhaust of the thermal oxidizer, 4) concentrations of BETX compounds at the inlet and outlet of the thermal oxidizer, and 5) the ethanol loading rate in barrels per hour during the source test.

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

[Devices subject to this condition : C887]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 not later than 45 days from the date the catalytic oxidizer is in operation.

The test shall be conducted at the exhaust stack outlet of the oxidizer. the test shall determine the emissions to the atmosphere of polychlorinated dibenzo-dioxins and polychlorinated dibenzofurans and HCL.

The test shall be conducted after District approval of a source test protocol submitted in accordance with Section E- Administrative condition.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C919]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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	District Method 25.1 or 25.3	District-approved averaging time	outlet of the bioreactor and outlet of the second carbon adsorber

The test shall be conducted to determine the vent gas flow rate in acfm.

The test shall be conducted in accordance with AQMD approved source test protocol. The protocol shall be submitted to the AQMD permitting engineer no later than 45 days before the proposed test date and shall be approved by the AQMD before the test commences. The protocol shall include the proposed operating conditions of the bioreactor during the tests, the identity of the testing lab, a statement from the lab certify that it meets the criteria of R304, and a description of all sampling and analytical procedures.

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 test(s) shall be conducted within 10 days after achieving maximum production rate, but no later than 60 days after initial start-up.

The test shall be conducted after the biocell is established and after each time the biocell is reestablished.

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

[Devices subject to this condition : D907, D908]

D90.1 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

[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 : C817, C845, C846]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- D90.3 The operator shall monitor and record the VOC concentration at the inlet and the outlet of the first carbon canister according to the following specifications:

The operator shall monitor once every day during the startup of the bioreactor in accordance with EPA Method 21.

The operator shall monitor once every day during the normal operation of the bioreactor in accordance with EPA Method 21.

[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 : C915]

- D90.4 The operator shall periodically monitor the VOC concentration at the outlet of the oxidizer according to the following specifications:

The operator shall monitor once every week in which this equipment is in operation.

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

[Devices subject to this condition : C919]

- D94.1 The operator shall install, maintain and operate a sampling line at the inlet and the outlet of the carbon canisters to allow measurement of the Volatile organic compounds

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

[Devices subject to this condition : C915]

E. Equipment Operation/Construction Requirements

- E71.7 The operator shall only use this equipment for loading ethanol product.

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

[Devices subject to this condition : D884]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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

E71.8 The operator shall only use this equipment for the storage of any of the following commodities: Alkylate, Diesel Fuel, Ethanol, Iso-Octane, Jet Fuel, and Gasoline.

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

[Devices subject to this condition : D149, D183]

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 : C915]

E129.1 The operator shall only dispose solid waste from this equipment at an approved waste disposal site.

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

[Devices subject to this condition : C817]

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 each carbon.

[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 : C817]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of last carbon canister. The 500 ppmv refers to VOCs concentration measured by EPA Method 21.

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

[Devices subject to this condition : C845, C846]

E153.3 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 either carbon canister measured as methane.

The operator shall replace the carbon as follows: the primary carbon canister shall be replaced with either a fresh carbon canister or the secondary carbon canister, and the secondary carbon canister shall be replaced with a fresh carbon

[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 : C915]

E193.3 The operator shall operate and maintain this equipment as follows:

During periods of exhaust blower shutdown as a result of routine maintenance, the aeration blowers may remain in operation as long as the groundwater feed to the bioreactors has been stopped. The exhaust blower shall be repaired within 72 hours each repair period

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

[Devices subject to this condition : D907, D908, D909, D916]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E193.5 The operator shall operate and maintain this equipment as follows:

Samples shall be collected and analyzed once during the first week of operation for volatile organic compounds and speciated for benzene, MTBE (and other toxics as required in (E)) as follows:

- A. Samples shall be collected at the inlet and outlet of the regenerative thermal oxidizer.
- B. Sampling and analysis shall be conducted by an independent laboratory per rule 304.
- C. Sampling shall conform to CARB method 422 or equivalent samples with high moisture shall be collected using an appropriate method such as SCAQMD method 25.1/25.3 or other methods approved by SCAQMD.
- D. Analysis shall be conducted using EPA method 8015 and EPA method 8260 or other method approved by SCAQMD.
- E. The inlet sample shall also be analyzed for all volatile organic compounds that were both detected by the phase ii site assessment (soil and groundwater characterization studies) and found on the rule 1401 compound list. If no assessments of soil or groundwater exist, the inlet sample shall be analyzed for all volatile organic compounds listed in SCAQMD rule 1401, unless otherwise approved in writing by SCAQMD.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008]

[Devices subject to this condition : C939]

E193.6 The operator shall operate and maintain this equipment as follows:

Samples shall be collected and analyzed once during the first week of operation for volatile organic compounds and speciated for benzene, MTBE (and other toxics as required in (E)) as follows:

- A. Samples shall be collected at the inlet and outlet of the regenerative thermal oxidizer.
- B. Sampling and analysis shall be conducted by an independent laboratory per Rule 304.
- C. Sampling shall conform to CARB method 422 or equivalent samples with high moisture shall be collected using an appropriate method such as SCAQMD method 25.1/25.3 or other methods approved by SCAQMD.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008]

[Devices subject to this condition : C939]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E193.7 The operator shall operate and maintain this equipment as follows:

The operator shall submit to the SCAQMD in writing the results of the first month of operation under this permit, including but not limited to, monitoring data, lab analyses, flow and temperature readings, sufficient to prove compliance with each condition of this permit. Submittal shall be within 45 days of initial operation of this permit unit and shall be addressed to:

SCAQMD, Refinery and Waste Management Team, Engineering and Compliance Division, 21865 Copley Drive, Diamond Bar, CA 91765

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

[Devices subject to this condition : C939]

E193.8 The operator shall operate and maintain this equipment as follows:

Equipment interlocks shall be provided for low operating temperatures of the regenerative thermal oxidizer.

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

[Devices subject to this condition : C939]

E193.9 The operator shall operate and maintain this equipment as follows:

exit to the exhaust stack shall have a minimum height of 30 feet measured from grade.

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

[Devices subject to this condition : C939]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E336.4 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be vented to the catalytic/thermal oxidizer C919, which shall be in full use and have a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001; RULE 462, 5-14-1999]

[Devices subject to this condition : D917]

E336.5 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be vented to the regenerative thermal oxidizer C939, which shall be in full use and have a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 6-15-2001; RULE 462, 5-14-1999]

[Devices subject to this condition : C939]

E440.1 The operator shall operate and maintain this equipment according to the following specifications:

During the carbon change out operation, the spent carbon shall be dropped onto the fabric filters with the use of a chute to minimize carbon particle release

During the process of loading fresh carbon into the canister, the operator shall use a vacuum device vented to a cyclone around the canister opening to minimize carbon particle release

The operator shall limit the carbon change out operation to once per month

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : C915]

H. Applicable Rules

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 12-6-2002]

[Devices subject to this condition : D726, D728, D730, D732, D734, D736, D738, D740, D742, D744, D793, D816, D819, D890]

H23.6 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

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 1178, 12-21-2001; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D198, D199, D201, D202]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	XX

[40CFR 60 Subpart XX, 12-19-2003]

[Devices subject to this condition : D884]

H23.9 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

For Rule 463 applicability, only subdivision (d) in 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 1178, 12-21-2001; RULE 463, 3-11-1994; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D171, D204]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

[RULE 1149, 7-14-1995; RULE 1178, 12-21-2001; RULE 463, 3-11-1994; RULE 463, 5-6-2005]

[Devices subject to this condition : D150, D151, D191]

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 : D147, D149, D183]

H23.12 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 : D147, D149, D176, D183, D185, D198, D199, D200, D201]

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	R

[40CFR 63 Subpart R, 4-6-2006]

[Devices subject to this condition : D146, D147, D149, D150, D151, D171, D175, D176, D183, D190, D191, D198, D199, D200, D201, D202, D204, D750, D890]

H23.15 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[RULE 464, 12-7-1990]

[Devices subject to this condition : D815]

K. Record Keeping/Reporting

K40.1 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.

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

[Devices subject to this condition : D907, D908]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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.

The source test report shall contain the following parameter data: the concentration and emission rate in pounds per hour (lbs/hr) of polychlorinated dibenzo-dioxins and polychlorinated dibenzofurans, HCL, at the outlet of the catalytic oxidizer

[RULE 1401, 3-4-2005]

[Devices subject to this condition : C919]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

In addition to the records required in Rule 462, the loading throughput record shall be maintained for five years in a format approved by AQMD and shall be made available to District personnel upon request.

The records of monthly inspection, subsequent repairs and reinspections, if any, shall be maintained for five years and shall be made available to District personnel upon request.

Rule 1173 Inspection and Maintenance Program is required, and these records shall be maintained for at least two years and shall be made available to District personnel upon request.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 462, 5-14-1999]

[Devices subject to this condition : D884]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput in barrels per month

Vapor pressure of stored liquid in psia

Other records that may be required to comply with the applicable requirements of District Rules 463 and 1178

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

[Devices subject to this condition : D150, D151, D191, D198, D199, D200, D201, D204]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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):

Loading rate of ethanol

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D884]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels

Commodity/product stored and time period of its storage

Actual vapor pressure, in psia, of each 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, 1149, and 1178, 40CFR60, Subpart Kb, and 40CFR63, Subpart R

[RULE 1149, 7-14-1995; RULE 1178, 12-21-2001; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 463, 3-11-1994; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 63 Subpart R, 12-19-2003]

[Devices subject to this condition : D147, D149, D183]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K171.1 The operator shall provide to the District the following items:

A. A source test protocol no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by the AQMD. The test protocol shall contain the following information:

- a) Brief description of the equipment tested.
- b) Brief process description, including maximum and normal operating temperatures, pressures, throughput, 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, and distances of low disturbances, (e.g., elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
- e) Brief description of sampling and analytical method used to measure each pollutant, temperature, flow rate, and moistures.
- 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).

B. The source test report no later than 45 days after each round of source tests is conducted. The test shall contain the following information:

- a) The results of the source test.
- b) Brief description of the equipment tested.
- c) Operating condition under which the Test was 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, and control efficiency.

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

[Devices subject to this condition : C887]

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

K171.2 The operator shall provide to the District the following items:

Final drawings and/or specifications of the internal floating roof including the seals and deck fittings to be installed/constructed shall be submitted to the District within 30 days after its construction

[RULE 1178, 12-21-2001]

[Devices subject to this condition : D147, D149, D183]

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. US

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 NO_x or SO_x 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 NO_x or SO_x 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
423922	462

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
EQUILON ENTER. LLC, SHELL OIL PROD. US

SECTION J: AIR TOXICS
[40CFR 63 Subpart R, #3 (Major Sources w/o Bulk Loading) 12-19-2003]

GASOLINE DISTRIBUTION FACILITIES (BULK GASOLINE TERMINALS AND
PIPELINE BREAKOUT STATIONS), MAJOR SOURCES WITHOUT BULK LOADING

1. The operator shall comply with all applicable requirements of this 40CFR 63 Subpart R and of Subpart A - General Provisions by the date(s) specified in these subparts. The Subpart R requirements include the equipment standards of Sections 63.422, 63.423 and 63.424, the test methods and procedures of Section 63.425, the continuous monitoring of Section 63.427 and the reporting and recordkeeping of Section 63.428.
2. The operator shall submit all reports, notifications, plans, submittals and other communications required by this subpart or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (see addresses in Sections E and K of this permit.)
3. The operator shall submit to AQMD plan applications (alternative plans, compliance plans, etc.) and applications for permits to construct and operate new equipment or equipment modifications, which are required by this subpart, as a Title V permit revision for the approval by the Executive Officer.

**FACILITY PERMIT TO OPERATE
EQUILON ENTERPRISES. LLC, SHELL OIL PRODUCTS US**

**SECTION J: AIR TOXICS
[40CFR 63 Subpart EEEE]**

ORGANIC LIQUIDS DISTRIBUTION (NON GASOLINE)

The owner/operator of organic liquid distribution (OLD) (non-gasoline) operations at major sources of hazardous air pollutant (HAP) emissions shall comply with the applicable requirements of 40 CFR 63 Subpart EEEE including but not limited to the following:

1. Storage tanks storing organic liquids shall comply with the requirements specified in §63.2346(a); transfer racks used for organic liquid loading shall comply with the requirements specified in §63.2346(b); and equipment leak components used in organic liquid service shall comply with the requirements specified in §63.2346(c).
2. The owner/operator shall install, operate, and maintain a continuous monitoring system (CMS) on each required control device as specified in §63.2366.
3. The owner/operator shall demonstrate initial compliance with the emission limitation, operating limits, and work practice standards as specified in §63.2370.
4. The owner/operator shall monitor, collect, and use data to demonstrate continuous compliance as specified in §63.2374, and shall demonstrate continuous compliance with the emission limitations, operating limits, and work practice standards as specified in §63.2378.
5. The owner/operator shall submit notifications and reports as specified in §63.2382 and §63.2386. In addition, the owner/operator shall keep records as specified in §63.2390.

**FACILITY PERMIT TO OPERATE
EQUILON ENTERPRISES. LLC, SHELL OIL PRODUCTS US**

**SECTION J: AIR TOXICS
[40CFR 63 Subpart GGGGG]**

**NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS:
SITE REMEDIATION**

The owner/operator of a facility meeting the criteria in §63.7881, and which conducts a site remediation as defined in §63.7957, shall comply with the applicable requirements of 40 CFR 63 Subpart GGGGG, including but not limited to the following:

1. The owner/operator shall meet the general compliance requirements as specified in §63.7935.
2. Affected process vents, as defined in §63.7957, shall meet the general standards specified in §63.7888 and the emission limitation and work practice standards specified in §63.7890.
3. Remediation material management units, as defined in §63.7957, shall meet the general standards as specified in §63.7886. Tanks, as defined in §63.7957, shall meet the emission limitations and work practice standards as specified in §63.7895; containers, as defined in §63.7957, shall meet the emission limitations and work practice standards as specified in §63.7900; surface impoundments, as defined in §63.7957, shall meet the emission limitations and work practice standards as specified in §63.7905; separators, as defined in §63.7957, shall meet the emission limitations and work practice standards as specified in §63.7910; and transfer systems, as defined in §63.7957, shall meet the emission limitations and work practice standards as specified in §63.7915.
4. The owner/operator shall comply with the emission limitations and work practice standards for equipment leaks as specified in §63.7920.
5. The owner/operator shall, for closed vent systems and control devices as defined in §63.7957, comply with the emission limitations and work practice standards as specified in §63.7925. For each control device other than a flare or a control device meeting the process vent emission limits in §63.7890(b), HAP emissions shall be reduced by 95 percent by weight or the concentration of total HAP from the control device shall not exceed 20 ppmv on a dry basis corrected to 3 percent oxygen.

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6. The owner/operator shall conduct performance tests as specified in §63.7940, §63.7941 and §63.7942. In addition, the owner/operator shall comply with the monitoring installation, operation, and maintenance requirements for continuous monitoring systems (CMS) as specified in §63.7945.
7. The owner/operator shall, for any remediation material defined in §63.7957 and that is transferred off-site to another facility, meet the requirements specified in §63.7936.
8. The owner/operator shall submit notifications and reports as specified in §63.7950 and §63.7951 and shall keep records as specified in §63.7952 and §63.7953.

**FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

IC ENGINE GENERATOR, GASOLINE

IC ENGINES DRIVING PUMP, DIESEL 2.

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. US**

**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		
Graphic Arts (Sign) Coatings	500						50
Industrial Maintenance							

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

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 Undercoaters	350						
Quick-Dry Enamels	400						
Roof Coatings	300						
Shellac							
Clear	730						
Pigmented	550						
Stains	350						
Swimming Pool Coatings							
Repair	650						
Other	340						
Traffic Coatings	250			150			
Waterproofing Sealers	400						
Wood Preservatives							
Below-Ground	350						
Other	350						

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

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
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-9-2004]

- (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 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
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-9-2004]

TABLE OF STANDARDS
VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water and Less Exempt Compounds**

COATING	Limit *	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350									
Clear Wood Finishes										
Varnish	350							275		
Sanding Sealers	350							275		
Lacquer	680	550					275			
Clear Brushing Lacquer	680						275			
Concrete-Curing Compounds	350									
Dry-Fog Coatings	400									
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								
Non-Flat Coatings	250				150			50		
Pigmented Lacquer	680	550					275			
Pre-Treatment Wash Primers	780				420					

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-9-2004]

COATING	Limit *	Effective Date								
		1/1/98	1/1/99	7/1/01	1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Primers, Sealers, and Undercoaters	350				200			100		
Quick-Dry Enamels	400				250			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							100		
Stains	350				250				100	
Stains, Interior	250									
Swimming Pool Coatings										
Repair	650				340					
Other	340									
Traffic Coatings	250	150								
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

** The National VOC Standard at 650 g/l is applicable until 1/1/2003

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-9-2004]

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

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
EQUILON ENTER. LLC, SHELL OIL PROD. US

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
EQUILON ENTER. LLC, SHELL OIL PROD. US

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
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 5-6-2005]

(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*	Effective 7/1/2005*	Effective 7/1/2006
	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	500 (4.2)	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	900 (7.5)	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals			

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 5-6-2005]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005*	Effective 7/1/2006
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)	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	750 (6.3)	100 (0.83)	
(B) Packaging	25 (0.21)		
(iv) Lithographic or Letter Press Printing			
(A) Roller Wash – Step 1	600 (5.0)	500 (4.2)	100 (0.83)

FACILITY PERMIT TO OPERATE
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 5-6-2005]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS*	Effective 7/1/2005*	Effective 7/1/2006
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Roller Wash-Step 2, Blanket Wash, & On- Press Components	800 (6.7)	500 (4.2)	100 (0.83)
(C) Removable Press Components	25 (0.21)		
(v) Screen Printing	750 (6.3)	500 (4.2)	100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)	500 (4.2)	100 (0.83)
(vii) Specialty Flexographic Printing	600 (5.0)	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
EQUILON ENTER. LLC, SHELL OIL PROD. US

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 ² 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
EQUILON ENTER. LLC, SHELL OIL PROD. US

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 2-7-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter ² 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



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 800372 – EQUILON ENTERPRISES LLC/SHELL OIL PRODUCTS US**

LEGAL OWNER OR OPERATOR Equilon Enterprises LLC/Shell Oil Products US
FACILITY LOCATION 20945 S. Wilmington Avenue
Carson, CA 90810
COMPLIANCE OPTION Code of Federal Regulations Title 40 Part 63 Subpart R Section 63.427 and Code of Federal Regulations Title 40 Part 60 Appendix B, as applicable
MAILING ADDRESS 20945 S. Wilmington Avenue
Carson, CA 90810
Attention: Mr. Tom Jackson

ADMINISTRATIVE REQUIREMENTS

This facility shall be subject to the terms and conditions of this compliance plan unless this plan is suspended, revoked, modified, reissued, or denied. Failure to maintain a valid plan is a violation of AQMD Rule 462.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of the equipment. A copy of this compliance plan shall be displayed in the vicinity of the subject equipment.

This plan 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 plan cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies.

CONTINUOUS MONITORING SYSTEM (CMS) EQUIPMENT

CHEMICAL VAPOR COLLECTION AND DESTRUCTION SYSTEM (PROCESS 8, SYSTEM 2)

THERMOCOUPLE, TYPE K, AND YOKAGAWA STRIP CHART RECORDER, SERVING A JOHN ZINK AFTERBURNER, 4.5 MMBTU/HR

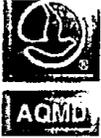
ETHANOL BULK LOADING RACK (PROCESS 7, SYSTEM 11)

THERMOCOUPLE, TYPE K, AND A YOKAGAWA DAQSTATION DX100 RECORDER SERVING A JOHN ZINK AFTERBURNER, 18 MMBTU/HR

CONDITIONS

CONDITIONS FOR CHEMICAL VAPOR COLLECTION AND DESTRUCTION SYSTEM (PROCESS 8, SYSTEM 2)

1. The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.



RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 800372 – EQUILON ENTERPRISES LLC/SHELL OIL PRODUCTS US

2. The thermocouple shall be located at a position not less than 16 feet above the burner and within the exhaust stack of the afterburner to accurately measure the temperature of the exhaust gas.
3. The operator shall maintain a digital readout of the temperature of the afterburner exhaust gas in a location accessible to district personnel.
4. The operator shall calibrate the thermocouple/chart recorder once a year, in accordance with manufacturer's specifications, such that the overall accuracy is within +/- 1% of the actual value or +/- 2.2 degrees Celcius, whichever is greater.
5. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets any applicable requirements of 40 CFR 63.427.
6. The operator shall maintain and operate the CMS to accurately record the temperature in the exhaust stack of the afterburner at all time as specified in these conditions.
7. The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.
8. The range of the strip chart recorder shall be set such that the minimum combustion temperature, stated in the Permit to Construct or Permit to Operate issued for the air pollution control system, is between 30% and 90% of full scale.
9. The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder returned to operation, maintenance or corrective work performed and actions taken to prevent such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.
10. The operator shall keep records on site to show compliance with conditions nos. 4 and 9 above. Such records shall be kept for at least five years and made available to district personnel upon request.

CONDITIONS FOR ETHANOL BULK LOADING RACK (PROCESS 7, SYSTEM 11)

1. The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.
2. The thermocouple shall be located at a position not less than 16 feet above the burner and within the exhaust stack of the afterburner to accurately measure the temperature of the exhaust gas.
3. The operator shall maintain a digital readout of the temperature of the afterburner exhaust gas in a location accessible to district personnel.
4. The operator shall calibrate the thermocouple/recorder once a year, in accordance with manufacturer's specifications, such that the overall accuracy is within +/- 1% of the actual value or +/- 2.2 degrees Celcius, whichever is greater.



RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 800372 - EQUILON ENTERPRISES LLC/SHELL OIL PRODUCTS US

5. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets any applicable requirements of 40 CFR 63.427.
6. The operator shall maintain and operate the CMS to accurately record the temperature in the exhaust stack of the afterburner at all time as specified in these conditions.
7. The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.
8. The recording device shall archive data in a secure encrypted format to nonvolatile data storage. Data shall be recorded at a frequency of not less than once per minute. The recorder shall be capable of displaying and printing out plots of the recorded temperature within 30 minutes of a request. In these plots, the minimum combustion temperature stated in the Permit to Construct or Permit to Operate issued for the air pollution control system, shall be between 30% and 90% of full scale. Where external storage media is used, it shall be replaced at a sufficient frequency to ensure that the amount of stored data is at no more than 90% of capacity.
9. The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder was returned to operation, maintenance or corrective work performed and actions taken to prevent such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.
10. The operator shall keep records on site to show compliance with conditions nos. 4 and 9 above. Such records shall be kept for at least five years and made available to district personnel upon request.

PLAN APPROVED

Barry R. Wallerstein, D.Env.
EXECUTIVE OFFICER

By:
Carol Coy
Deputy Executive Officer
Engineering & Compliance

South Coast Air Quality Management District
P. O. Box 4944
Diamond Bar, CA 91765
(909) 396-2000

APPLICATION FOR PERMIT TO CONSTRUCT AND PERMIT TO OPERATE FOR 400 - A

Non-Title V Facilities: This form must be accompanied by one or more 400-E-xx series form(s). Complete this side of form only. Title V Facilities: Complete both sides of this form. Include additional forms as necessary.	NC/NOV NUMBER: <hr/> INSPECTOR _____ SECTOR _____ <hr/> ISSUE DATE _____
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Section I - Company Information

LEGAL NAME OF OPERATOR EQUILON ENTERPRISES LLC		<input checked="" type="checkbox"/> IRS OR <input type="checkbox"/> S. S. NUMBER <u>5 2 2 0 7 4 5 2 8</u>
PERMIT TO BE ISSUED TO (SEE INSTRUCTIONS) EQUILON ENTERPRISES LLC		
BUSINESS MAILING ADDRESS P.O. BOX 6249, CARSON, CA 90749		
PERMIT MAILING ADDRESS, IF DIFFERENT FROM BUSINESS MAILING ADDRESS		
TYPE OF ORGANIZATION <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Government Entity <input type="checkbox"/> Individual <input type="checkbox"/> General Partnership <input checked="" type="checkbox"/> Other (Fill in): LIMITED LIABILITY CO.		
ARE YOU A SMALL BUSINESS? (SEE INSTRUCTIONS) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	AVERAGE ANNUAL GROSS RECEIPTS \$0 NUMBER OF EMPLOYEES N/A	IS YOUR BUSINESS 51% OR MORE WOMAN/MINORITY OWNED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
THIS SECTION IS REQUIRED FOR ALL APPLICATIONS FOR NEW CONSTRUCTION OR MAJOR MODIFICATIONS.		
ARE ALL MAJOR SOURCES UNDER SAME OWNERSHIP IN CALIFORNIA IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL AIR POLLUTION CONTROL RULES? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
ARE YOU THE OWNER OF THE EQUIPMENT UNDER THIS APPLICATION? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> IRS OR <input type="checkbox"/> S. S. NUMBER		
IF NO, ENTER THE LEGAL NAME OF OWNER _____		

Section II - Facility Information

EQUIPMENT ADDRESS/LOCATION 20945 S. WILMINGTON AVE		FACILITY NAME CARSON PLANT	
CARSON CITY OR COMMUNITY		FACILITY ID NUMBER <u>8 0 0 3 7 2</u> <i>ok-1's 3-9-00</i>	
PRINT NAME OF CONTACT PERSON R. P. KAWCZYNSKI		TITLE OF CONTACT PERSON STAFF ENGINEER, ENVIRONMENTAL	
TYPE OF BUSINESS AT THIS FACILITY PETROLEUM PRODUCTS DISTRIBUTION		NUMBER OF EMPLOYEES AT THIS FACILITY 106	
CONTACT PERSON'S TELEPHONE NUMBER 310-816-2340		CONTACT PERSON'S FAX NUMBER 3108162118.00	
CONTACT PERSON'S E-MAIL ADDRESS rpkawczynski@equilon.com			

Section III - Application Type

APPLICATION FOR (SEE INSTRUCTIONS): <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> MODIFICATION <input type="checkbox"/> CHANGE OF LOCATION <input type="checkbox"/> EXISTING EQUIPMENT WITHOUT PERMIT <input checked="" type="checkbox"/> CHANGE OF PERMITTEE <input type="checkbox"/> CHANGE OF PERMIT CONDITION <input type="checkbox"/> EXISTING EQUIPMENT WITH EXPIRED PERMIT		ARE YOU SUBMITTING MULTIPLE APPLICATIONS FOR EQUIPMENT IDENTICAL TO THAT DESCRIBED ABOVE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<input checked="" type="checkbox"/> APPLICATION FOR TITLE V FACILITY PERMIT. PROVIDE INFORMATION REQUESTED ON REVERSE SIDE OF THIS FORM. <i>elo 340096 / 800115 NT</i>				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <input type="checkbox"/> 400-E-1 • PARTICULATE MATTER (PM-10) CONTROL EQUIPMENT <input type="checkbox"/> 400-E-2 • VOLATILE ORGANIC COMPOUND (VOC) CONTROL EQUIPMENT <input type="checkbox"/> 400-E-3 • SCRUBBER <input type="checkbox"/> 400-E-4 • ABRASIVE BLASTING EQUIPMENT <input type="checkbox"/> 400-E-6 • DEGREASER <input type="checkbox"/> 400-E-7 • DRY CLEANING EQUIPMENT <input type="checkbox"/> 400-E-8 • ETHYLENE OXIDE STERILIZER <input type="checkbox"/> 400-E-9 • EXTERNAL COMBUSTION EQUIPMENT <input type="checkbox"/> 400-E-10 • FOOD BROILER/FRYER <input type="checkbox"/> 400-E-11 • FUEL DISPENSING AND STORAGE EQUIPMENT <input type="checkbox"/> 400-E-12 • GAS TURBINE </td> <td style="width: 50%; border: none;"> <input type="checkbox"/> 400-E-13 • INTERNAL COMBUSTION EQUIPMENT <input type="checkbox"/> 400-E-14 • OPEN PROCESS TANK <input type="checkbox"/> 400-E-14a • OPEN PROCESS TANK; PROCESS LINE <input type="checkbox"/> 400-E-15 • PRINTING EQUIPMENT <input type="checkbox"/> 400-E-16 • SOLID MATERIALS STORAGE EQUIPMENT <input type="checkbox"/> 400-E-17 • SPRAY BOOTH/OPEN SPRAY <input type="checkbox"/> 400-E-17a • POWDER SPRAY BOOTH <input type="checkbox"/> 400-E-18 • STORAGE TANK (LIQUID & GASEOUS MATERIAL) <input type="checkbox"/> 400-E-19 • WAVE SOLDER MACHINE <input type="checkbox"/> 400-E-20 • ASBESTOS REMOVAL EQUIPMENT <input type="checkbox"/> NONE • ADDITIONAL INFORMATION SUBMITTED AS REQUESTED ON FORM 400-E-GI </td> </tr> </table>			<input type="checkbox"/> 400-E-1 • PARTICULATE MATTER (PM-10) CONTROL EQUIPMENT <input type="checkbox"/> 400-E-2 • VOLATILE ORGANIC COMPOUND (VOC) CONTROL EQUIPMENT <input type="checkbox"/> 400-E-3 • SCRUBBER <input type="checkbox"/> 400-E-4 • ABRASIVE BLASTING EQUIPMENT <input type="checkbox"/> 400-E-6 • DEGREASER <input type="checkbox"/> 400-E-7 • DRY CLEANING EQUIPMENT <input type="checkbox"/> 400-E-8 • ETHYLENE OXIDE STERILIZER <input type="checkbox"/> 400-E-9 • EXTERNAL COMBUSTION EQUIPMENT <input type="checkbox"/> 400-E-10 • FOOD BROILER/FRYER <input type="checkbox"/> 400-E-11 • FUEL DISPENSING AND STORAGE EQUIPMENT <input type="checkbox"/> 400-E-12 • GAS TURBINE	<input type="checkbox"/> 400-E-13 • INTERNAL COMBUSTION EQUIPMENT <input type="checkbox"/> 400-E-14 • OPEN PROCESS TANK <input type="checkbox"/> 400-E-14a • OPEN PROCESS TANK; PROCESS LINE <input type="checkbox"/> 400-E-15 • PRINTING EQUIPMENT <input type="checkbox"/> 400-E-16 • SOLID MATERIALS STORAGE EQUIPMENT <input type="checkbox"/> 400-E-17 • SPRAY BOOTH/OPEN SPRAY <input type="checkbox"/> 400-E-17a • POWDER SPRAY BOOTH <input type="checkbox"/> 400-E-18 • STORAGE TANK (LIQUID & GASEOUS MATERIAL) <input type="checkbox"/> 400-E-19 • WAVE SOLDER MACHINE <input type="checkbox"/> 400-E-20 • ASBESTOS REMOVAL EQUIPMENT <input type="checkbox"/> NONE • ADDITIONAL INFORMATION SUBMITTED AS REQUESTED ON FORM 400-E-GI
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I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.		
SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM: <i>T. E. Minton</i>		TITLE OF RESPONSIBLE OFFICIAL OF FIRM: REGIONAL MANAGER
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: T. E. MINTON		RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER 3108162331.00
DATE SIGNED: 11/21/00		
I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.		
SIGNATURE OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM: <i>W. Asper</i>		TITLE OF RESPONSIBLE OFFICIAL OF FIRM: Owner, The Alessa Group
TYPE OR PRINT NAME OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM: Wilbert E. Asper, PE, CPP dba The Alessa Group		PREPARER'S TELEPHONE NUMBER
DATE SIGNED: 11/31/00		

TITLE V FACILITIES ONLY: COMPLETE OTHER SIDE

AQMD USE ONLY	APPLICATION/TRACKING # 366426-B	TYPE B C D	EQUIPMENT CATEGORY CODE: _____ / _____	FEE SCHEDULE: \$	VALIDATION 3-3-00 DA
A R E	ENG. A R DATE 3/9/00	CLASS I III IV	ASSIGNMENT UNIT E ENGINEER	ENF. SECT.	CHECK/MONEY ORDER AMOUNT \$80004529 + 5,407.6

#1331

TITLE V APPLICATION CERTIFICATION

- TO BE COMPLETED BY TITLE V FACILITIES ONLY -

Section IV - Title V Application

1. This is an application for a(n) (Check all applicable boxes and provide the requested information as appropriate):
- a. Initial Title V Permit
 - b. Permit Renewal: Provide current permit expiration date: _____
 - c. Administrative Permit Revision (Check all that apply)
 - Change of Ownership. (Complete and attach equipment-specific Form 400-E-xx series forms)
 - Change of Facility Information
 - Other, Please specify: _____
 - d. Other (Complete and attach equipment specific Form 400-E-XX series form(s) to this form if your application involves permit action for new construction, change of location, non-administrative permit revision, alternative operating scenario (AOS), permit shield, streamlined permit conditions, or temporary source permit.)
2. Is this facility required to prepare a Risk Management Plan (RMP) for another agency? Yes No

Section V - Title V Submittal Checklist

1. Enter the quantity of each type form submitted in the space provided:
- | | | | |
|---|--------|--|------------------------|
| 1 | 500-A2 | | 500-F1 |
| 1 | 500-B | | 500-F2 |
| 1 | 500-C1 | | 500-F3 |
| | 500-C2 | | 500-F4 |
| | 500-D | | Other (specify): _____ |
2. Additional information referenced in this application submitted (Check **ALL** that apply):
- a. Existing Facility Permit
 - b. Preliminary Facility Permit
 - c. EFB Report for Year _____
 - d. None
 - e. Other (Specify): _____
3. Supplemental information included with this application submittal (Check **ALL** that apply):
- a. Facility Plot Plan
 - b. MSDS Sheet(s)
 - c. None
 - d. Other (Specify): _____

	APPLICATION TYPE		30 DAY PUBLIC NOTICE		PUBLIC HEARING	45-DAY EPA REVIEW	
			START DATE	END DATE	DATE	START DATE	END DATE
AQMD	INITIAL, RENEWAL & SIGNIFICANT						
	MINOR & DEMINIMUS						
USE	ESTABLISH GENERAL PERMIT						
USE THE SECTIONS BELOW FOR TITLE V INITIAL AND RENEWAL APPLICATIONS ONLY:							
ONLY	APPLICATION/TRACKING #		TYPE	EQUIPMENT CATEGORY CODE:		FEE SCHEDULE:	VALIDATION
			B C D	_____/____/____		\$	
ENG. A R	ENG. A R	CLASS	ASSIGNMENT		ENF.	CHECK/MONEY ORDER AMOUNT	
DATE	DATE	I III IV	UNIT	ENGINEER	SECT.	#	\$

**Title V
Form 500-A2**

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Application Certification**

Section I - Facility Information	
1. Facility Name: <u>EQUILON ENTERPRISES LLC</u>	Facility ID (6-Digit): <u>800372</u>
2. This Certification is submitted with a (Check one):	a. <input checked="" type="checkbox"/> Title V Application b. <input type="checkbox"/> Supplement/Correction to a Title V Application
3. Is Form 500-C2 included with this Certification?	a. <input type="checkbox"/> Yes b. <input checked="" type="checkbox"/> No

Section II - Responsible Official Certification Statement

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attached application forms and other materials are true, accurate, and complete.

Read each statement carefully and check each that applies.

1. For Initial & Permit Renewal Application Certifications:

- a. The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1,
 - i. except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1.
 - ii. except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s).
- b. The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.

2. For Permit Revision Application Certifications:

- a. The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.

T. E. Minton

1/31/00

Signature of Responsible Official		Date	
T. E. Minton		3108162331.00	
Type or Print Name of Responsible Official		Phone	
Regional Manager		3108165616.00	
Title of Responsible Official		Fax	
P.O. Box 6249	Carson	CA	90749-6249
Address of Responsible Official	City	State	Zip Code

Acid Rain Facilities Only: Turn page over & complete Section III

Acid Rain facilities must certify their compliance status of the devices subject to applicable requirements under Title IV by an individual who meets the definition of Designated (or Alternate) Representative in 40 CFR Part 72.

Section III - Designated Representative Certification Statement			
<p>1. <i>For Acid Rain Facilities Only:</i> I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.</p>			
Signature of Designated Representative or Alternate			Date
Type or Print Name of Designated Representative or Alternate			Phone
N/A			
Title of Designated Representative or Alternate			Fax
Address of Designated Representative or Alternate		City	State Zip Code

To provide the compliance status of your facility with applicable federally-enforceable requirements and identify other local-only requirements, complete this form and attach it to a completed compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.

Section I - General Information

1. Facility Name: EQUILON ENTERPRISES LLC

Facility ID (6-Digit): 800372

PROCEDURES FOR DETERMINING COMPLIANCE STATUS

- Equipment verification:** Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.
- Identify applicable requirements*:** Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility.
The potential applicable requirements, test methods and MRR requirements are identified and listed adjacent to each given equipment/process description. Check off each box adjacent to the corresponding requirement as it applies to your particular equipment/process.
Note: Even if there is only one piece of equipment that is subject to a particular requirement, the appropriate box should be checked.
- Identify additional applicable requirements*:** Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.
- Identify any requirements that do not apply to a specific piece of equipment or process:** Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and is approved by AQMD.
- Identify SIP-approved rules that are not current AQMD rules:** Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV.
- Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
- Determine compliance:** Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

* The following AQMD rules and regulations are not required to be included on this form, and therefore are not listed in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201.1, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VII, Regulation XII, Regulation XV, Regulation XVI, Regulation XIX, Regulation XXI, Regulation XXII, and Regulation XXX.

Section II - Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input checked="" type="checkbox"/> All Air Pollution Control Equipment Using Combustion (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 480 (10/07/77)	N/A	N/A
<input type="checkbox"/> All Coating Operations	<input type="checkbox"/> Rule 442 (03/05/82)	<input type="checkbox"/> AQMD TM 25.1	
<input type="checkbox"/> All Combustion Equipment, ≥ 555 Mmbtu/Hr (except for NOx RECLAIM sources)	<input type="checkbox"/> Rule 474 (12/04/81)	<input type="checkbox"/> AQMD TM 7.1 or 100.1	
<input checked="" type="checkbox"/> All Combustion Equipment Except Internal Combustion Engines (RECLAIM & non-RECLAIM sources)	<input checked="" type="checkbox"/> Rule 409 (08/07/81)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input type="checkbox"/> All Combustion Equipment Using Gaseous Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.1 (11/17/95)	<input type="checkbox"/> Rule 431.1 (f)	<input type="checkbox"/> Rule 431.1 (d) & (e)
<input type="checkbox"/> All Combustion Equipment Using Liquid Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.2 (05/04/90)	<input type="checkbox"/> Rule 431.2(d)	<input type="checkbox"/> Rule 431.2(c)
<input type="checkbox"/> All Combustion Equipment Using Fossil Fuel (except SOx RECLAIM sources)	<input type="checkbox"/> Rule 431.3 (05/07/76)		
<input checked="" type="checkbox"/> All Equipment	<input checked="" type="checkbox"/> Rule 401 (04/07/89)	<input checked="" type="checkbox"/> California Air Resources Board Visible Emission Evaluation <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input checked="" type="checkbox"/> AQMD TM 100.1 or 10.1, 307-91	<input checked="" type="checkbox"/> Rule 430(b)
	<input type="checkbox"/> Rule 405 (02/07/86) <input type="checkbox"/> Rule 407 (04/02/82) <input type="checkbox"/> Rule 408 (05/07/76) <input type="checkbox"/> Rule 430 (07/12/96) <input type="checkbox"/> Rule 701 (06/13/97) <input checked="" type="checkbox"/> New Source Review, BACT <input checked="" type="checkbox"/> Rule 1703 (10/07/88) <input checked="" type="checkbox"/> 40 CFR68 - Accidental Release Prevention	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> All Equipment Processing Solid Materials	<input type="checkbox"/> Rule 403 (02/14/97)	<input type="checkbox"/> Rule 403(d)(4)(A)	<input type="checkbox"/> Rule 403(d)(4) & (b)(4)
<input checked="" type="checkbox"/> All Equipment With Exhaust Stack (except cement kilns subject to Rule 1112.1)	<input checked="" type="checkbox"/> Rule 404 (02/07/86)	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
<input type="checkbox"/> All Facilities Using Solvents to Clean Various Items or Equipment	<input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR63 SUBPART T	<input type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input type="checkbox"/> Rule 1171(c)(7) See Applicable Subpart
<input checked="" type="checkbox"/> All RECLAIM Equipment (NOx & SOx)	<input checked="" type="checkbox"/> Reg. XX - RECLAIM	<input checked="" type="checkbox"/> Rule 2011, App. A (02/14/97) <input checked="" type="checkbox"/> Rule 2012, App. A (04/11/97)	<input checked="" type="checkbox"/> Rule 2011, App. A (02/14/97) <input checked="" type="checkbox"/> Rule 2012, App. A (04/11/97)
<input checked="" type="checkbox"/> Abrasive Blasting	<input checked="" type="checkbox"/> Rule 1140 (08/02/85)	<input checked="" type="checkbox"/> Rule 1140(d), AQMD Visible Emission Method	
<input type="checkbox"/> Appliances Containing Ozone Depleting Substances (except Motor Vehicle Air Conditioners); Manufacturing, Repair, Maintenance, Service, & Disposal	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt Concrete/Batch Plants	<input type="checkbox"/> 40 CFR60 SUBPART I	See Applicable Subpart	See Applicable Subpart

KEY ABBREVIATIONS: Reg. = AQMD Regulation App. = Appendix CFR = Code of Federal Regulations AQMD Form 500-C1
 Rule = AQMD Rule AQMD TM = AQMD Test Method CCR = California Code of Regulations
 Rev. 11, page 2 of

Section II. Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Benzene Emissions, Maleic Anhydride Plants, Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	<input type="checkbox"/> Rule 1173 (05/13/94) <input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART Y <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(a) <input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(g) <input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142 (e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART FF <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions	<input type="checkbox"/> 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions, Rocket Motor Firing	<input type="checkbox"/> 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (05/13/94)	<input type="checkbox"/> Rule 1146.1(d)	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3)
<input checked="" type="checkbox"/> Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	<input checked="" type="checkbox"/> Rule 1146.1 (05/13/94) - excluding NOx requirements	<input checked="" type="checkbox"/> Rule 1146.1(d)	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3)
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (08/07/81) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 476 (10/08/76) <input type="checkbox"/> Rule 1146 (05/13/94)	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 218(e) <input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 1146(c)(2) & (c)(3) See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 2011 (02/14/97) or Rule 2012 (04/11/97) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 1146 (05/13/94) - excluding NOx requirements	<input type="checkbox"/> Rule 2011, App. A (02/14/97) or Rule 2012, App. A (04/11/97) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 1146(c)(2) & (c)(3) <input type="checkbox"/> Rule 2011, App. A (02/14/97) or Rule 2012, App. A (04/11/97) <input type="checkbox"/> Rule 1146(c)(2) & (c)(3)
<input type="checkbox"/> Boiler, Petroleum Refining (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (08/07/81) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 431.1 (11/17/95) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 1146 (05/13/94)	<input type="checkbox"/> AQMD TM 100.1 N/A <input type="checkbox"/> Rule 431.1 (f) <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 218(e) <input type="checkbox"/> Rule 429(d) <input type="checkbox"/> Rule 431.1 (d) & (e) <input type="checkbox"/> Rule 1146(c)(2) & (c)(3) See Applicable Subpart

Section II - Applicable Requirements, Test Methods, Test Methods

MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Boiler, Petroleum Refining (RECLAIM sources)	<input type="checkbox"/> Rule 2011 (02/14/97) <u>or</u> Rule 2012 (04/11/97) <input type="checkbox"/> Rule 1146 (05/13/94) - excluding NOx requirements	<input type="checkbox"/> Rule 2011, App. A (02/14/97) or Rule 2012, App. A (04/11/97) <input type="checkbox"/> Rule 1146(d)	<input type="checkbox"/> Rule 2011, App. A (02/14/97) c <input type="checkbox"/> Rule 2012, App. A (04/11/97) <input type="checkbox"/> Rule 1146(c)(2) & (c)(3)
<input type="checkbox"/> Boilers, Electric Utility (non-RECLAIM sources)	<input type="checkbox"/> Rule 218 (08/07/81) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> 40 CFR60 SUBPART Db	See Applicable Subpart <input type="checkbox"/> AQMD Tm 100.1 N/A	See Applicable Subpart <input type="checkbox"/> Rule 218(e) <input type="checkbox"/> Rule 429(d)
<input type="checkbox"/> Boilers, Electric Utility (RECLAIM sources)	<input type="checkbox"/> Rule 2012 (04/11/97) <input type="checkbox"/> 40 CFR60 SUBPART Db	<input type="checkbox"/> Rule 2012, App. A (04/11/97) See Applicable Subpart	<input type="checkbox"/> Rule 2012, App. A (04/11/97) See Applicable Subpart
<input checked="" type="checkbox"/> Bulk Loading Of Organic Liquids	<input checked="" type="checkbox"/> Rule 432 (05/07/76) <input checked="" type="checkbox"/> Rule 462 (06/09/95) <input checked="" type="checkbox"/> 40 CFR63 SUBPART R	<input checked="" type="checkbox"/> Rule 462(f) See Applicable Subpart	<input checked="" type="checkbox"/> Rule 462(g) See Applicable Subpart
<input type="checkbox"/> Calciner, Mineral Industries	<input type="checkbox"/> 40 CFR60 SUBPART UUU <input type="checkbox"/> Rule 477 (04/03/81)	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Calciner, Petroleum Coke	<input type="checkbox"/> Rule 1119 (03/02/79) <input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> Rule 1174 (10/05/90)	<input type="checkbox"/> AQMD Visible Emissions, AQMD Tm 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD Tm 6.1 or 100.1 See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Charbroilers	<input type="checkbox"/> Rule 1174 (10/05/90)	<input type="checkbox"/> AQMD Test Protocol	See Applicable Subpart
<input type="checkbox"/> Chrome Plating & Chromic Acid Anodizing Operation	<input type="checkbox"/> 40 CFR63 SUBPART N	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Coating Operation, Adhesive Application Operation	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Aerospace Assembly & Component Manufacturing	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1124 (12/13/96) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1124(e) & (f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1124 (f) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1130 (03/08/96) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1130 (h) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1130 (e) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)

KEY	Reg = AQMD Regulation	App = Appendix	CFR = Code of Federal Regulations	AQMD Form 500-C1
ABBREVIATIONS:	Rule = AQMD Rule	AQMD Tm = AQMD Test Method	CCR = California Code of Regulations	Rev. 11, page 4 of 6

Section I - Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/ PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Coating Operation, Magnet Wire Coating Operations	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1126 (01/13/95) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1126(d) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1126(c)(4) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Marine Coating (Except for recreational equipment)	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1106 (01/13/95) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1106(e) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1106(c)(5) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Metal Coating	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1107 (03/08/96) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR60 SUBPART EE <input type="checkbox"/> 40 CFR60 SUBPART SS	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1107(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1107(k) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Metal Containers, Closure, & Coil Coating Operations	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1125 (01/13/95) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR60 SUBPART TT <input type="checkbox"/> 40 CFR60 SUBPART WW	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1125(e) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1125(c)(6) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Motor Vehicle & Mobile Equipment Non-Assembly Line Coating Operation	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1151 (06/13/97) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1151(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1151(e) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Motor Vehicle Assembly Line	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1115 (05/12/95) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR60 SUBPART MM	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1115(e) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1115(g) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Paper, Fabric, & Film Coating Operations	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1128 (03/08/96) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR60 SUBPART VVV	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1128(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1128(e) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)
<input type="checkbox"/> Coating Operation, Plastic, Rubber, & Glass	<input type="checkbox"/> Rule 109 (03/06/92) <input type="checkbox"/> Rule 481 (05/05/78) <input type="checkbox"/> Rule 1145 (02/14/97) <input type="checkbox"/> Rule 1171 (06/13/97) <input type="checkbox"/> 40 CFR60 SUBPART TTT	<input type="checkbox"/> Rule 109(c)(2), (c)(3), & (c)(4) Manufacturer's Specifications <input type="checkbox"/> Rule 1145(e) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c)(1) <input type="checkbox"/> Rule 1145(d) & Rule 109 <input type="checkbox"/> Rule 1171(c)(7)

KEY ABBREVIATIONS: Reg. = AQMD Regulation App. = Appendix CFR = Code of Federal Regulations AQMD TM = AQMD Test Method CCR = California Code of Regulations AQMD Form 500-C1 Rev. 11 page 5 of

Section II - Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Manufacturing, Asphalt Processing & Asphalt Roofing	<input type="checkbox"/> Rule 1108 (02/01/85) <input type="checkbox"/> Rule 1108.1 (11/04/83) <input type="checkbox"/> Rule 470 (05/07/76) <input type="checkbox"/> 40 CFR60 SUBPART UU	<input type="checkbox"/> Rule 1108 (b) <input type="checkbox"/> Rule 1108.1 (b) N/A See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Coatings & Ink Manufacturing (SIC Code 2851)	<input type="checkbox"/> Rule 1141.1 (03/06/92)	N/A	<input type="checkbox"/> Rule 1141.1(c)
<input type="checkbox"/> Manufacturing, Consumer Product	<input type="checkbox"/> Title 17 CCR 94500		
<input type="checkbox"/> Manufacturing, Glass	<input type="checkbox"/> Rule 1117 (01/06/84) <input type="checkbox"/> 40 CFR60 SUBPART CC <input type="checkbox"/> 40 CFR61 SUBPART N	<input type="checkbox"/> Rule 1117 (c), AQMD TM 7.1 or 100.1 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Lead-Acid Battery	<input type="checkbox"/> 40 CFR60 SUBPART KK	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Magnetic Tape Industry	<input type="checkbox"/> 40 CFR60 SUBPART SSS <input type="checkbox"/> 40 CFR63 SUBPART EE	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Nitric Acid	<input type="checkbox"/> Rule 218 (08/07/81) <input type="checkbox"/> Rule 1159 (12/06/85) <input type="checkbox"/> 40 CFR60 SUBPART G	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> AQMD TM 7.1 or 100.1 See Applicable Subpart	<input type="checkbox"/> Rule 218(e) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymer Industry	<input type="checkbox"/> 40 CFR60 SUBPART DDD <input type="checkbox"/> 40 CFR63 SUBPART W	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (05/13/94)	<input type="checkbox"/> Rule 1175(f)	<input type="checkbox"/> Rule 1175(e)
<input type="checkbox"/> Manufacturing, Products Containing Ozone Depleting Substances (ODS)	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 1141 (04/03/92) <input type="checkbox"/> 40 CFR63 SUBPART W	<input type="checkbox"/> Rule 1141(d) See Applicable Subpart	<input type="checkbox"/> Rule 1141(c) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(e)(7)
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> Rule 443 (05/07/76)		
<input type="checkbox"/> Manufacturing, Sulfuric Acid	<input type="checkbox"/> Rule 469 (02/12/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Cb	<input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Surfactant	<input type="checkbox"/> Rule 1141.2 (07/06/84)	<input type="checkbox"/> AQMD TM 25.1	
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	<input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Vinyl Chloride	<input type="checkbox"/> 40 CFR61 SUBPART F	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Wool Fiberglass Insulation	<input type="checkbox"/> 40 CFR60 SUBPART PPP	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Marine Tank Vessel Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142 (e) See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart
<input type="checkbox"/> Mercury Emissions	<input type="checkbox"/> 40 CFR61 SUBPART E	See Applicable Subpart	See Applicable Subpart

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 Rule = AQMD Rule AQMD TM = AQMD Test Method CCR = California Code of Regulations

Section II - Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal	<input type="checkbox"/> 40 CFR82 SUBPART B <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Municipal Waste Combustors	<input type="checkbox"/> 40 CFR60 SUBPART Ea <input type="checkbox"/> 40 CFR60 SUBPART Eb <input type="checkbox"/> 40 CFR60 SUBPART Cb	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Negative Air Machines/HEPA, Asbestos	<input type="checkbox"/> 40 CFR61 SUBPART M	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Nonmetallic Mineral Processing Plants	<input type="checkbox"/> Rule 404 (02/07/86) <input type="checkbox"/> Rule 405 (02/07/86) <input type="checkbox"/> 40 CFR60 SUBPART OOO	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Off-site Waste and Recovery Operation	<input type="checkbox"/> 40 CFR63 SUBPART DD	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Oil Well Operation	<input type="checkbox"/> Rule 1148 (11/05/82)	<input type="checkbox"/> AQMD TM 25.1	See Applicable Subpart
<input type="checkbox"/> Onshore Natural Gas Processing, SO ₂ Emissions	<input type="checkbox"/> 40 CFR60 SUBPART LLL	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Open Fires	<input type="checkbox"/> Rule 444 (10/02/87)		
<input type="checkbox"/> Open Storage, Petroleum Coke	<input type="checkbox"/> Rule 403 (02/14/97) <input type="checkbox"/> Rule 403.1 (01/15/93) <input type="checkbox"/> Rule 1158 (12/02/83)	<input type="checkbox"/> Rule 403(d)(4)(A) N/A	<input type="checkbox"/> Rule 403(d)(4) & (h)(4) <input type="checkbox"/> Rule 403.1(f) <input type="checkbox"/> Rule 1158(c)
<input type="checkbox"/> Open Storage	<input type="checkbox"/> Rule 403 (02/14/97) <input type="checkbox"/> Rule 403.1 (01/15/93)	<input type="checkbox"/> Rule 403(d)(4)(A)	<input type="checkbox"/> Rule 403(d)(4) & (h)(4) <input type="checkbox"/> Rule 403.1(f)
<input type="checkbox"/> Outer Continental Shelf Platform	<input type="checkbox"/> Rule 1183 (03/12/93) <input type="checkbox"/> 40 CFR55	<input type="checkbox"/> 40 CFR55 See Applicable Subpart	<input type="checkbox"/> 40 CFR55 See Applicable Subpart
<input type="checkbox"/> Oven, Commercial Bakery	<input type="checkbox"/> Rule 1153 (01/13/95) <input type="checkbox"/> Rule 477 (04/03/81)	<input type="checkbox"/> AQMD Visible Emissions, AQMD TM 5.1, 5.2, or 5.3 See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Oven, Petroleum Coke	<input type="checkbox"/> 40 CFR63 SUBPART L <input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Ozone Depleting Substances (ODS) or Alternative ODS, Use	<input type="checkbox"/> 40 CFR82 Subpart G	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> Rule 218(08/07/81) <input type="checkbox"/> Rule 432 (05/07/76) <input type="checkbox"/> Rule 465 (11/01/91) <input type="checkbox"/> Rule 468 (10/08/76) <input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> Rule 1123 (12/07/90) <input type="checkbox"/> 40 CFR60 SUBPART J <input type="checkbox"/> Title 17 CCR 2250	<input type="checkbox"/> AQMD TM 100.1 <input type="checkbox"/> Rule 465(d) <input type="checkbox"/> AQMD TM 6.1 or 6.2 <input type="checkbox"/> AQMD TM 6.1 or 6.2 N/A See Applicable Subpart	<input type="checkbox"/> Rule 218(e) <input type="checkbox"/> Rule 1123(c) See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries	<input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

Section II Applicable Requirements, Test Methods

MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input checked="" type="checkbox"/> Petroleum Refineries, Fugitive Emissions <input type="checkbox"/> Petroleum Refineries, Storage Tanks	<input type="checkbox"/> Rule 1173 (05/13/94) <input checked="" type="checkbox"/> Rule 466 (10/07/83) <input type="checkbox"/> Rule 466.1 (03/16/84) <input type="checkbox"/> Rule 467 (03/05/82) <input type="checkbox"/> 40 CFR60 SUBPART GGG <input type="checkbox"/> 40 CFR61 SUBPART V <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1173(h) <input checked="" type="checkbox"/> Rule 466(f) <input type="checkbox"/> Rule 466.1(g) <input type="checkbox"/> Rule 467(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1173(g) <input checked="" type="checkbox"/> Rule 466(e) <input type="checkbox"/> Rule 466.1(h) <input type="checkbox"/> Rule 467(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Petroleum Refineries, Wastewater Systems	<input type="checkbox"/> Rule 463 (03/11/94) <input type="checkbox"/> 40 CFR60 SUBPART K <input type="checkbox"/> 40 CFR60 SUBPART Ka <input type="checkbox"/> 40 CFR60 SUBPART Kb <input type="checkbox"/> 40 CFR63 SUBPART F <input type="checkbox"/> 40 CFR63 SUBPART G <input type="checkbox"/> 40 CFR63 SUBPART H <input type="checkbox"/> 40 CFR63 SUBPART I <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 463(g) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 463(e)(5) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Pharmaceutical & Cosmetics Manufacturing <input type="checkbox"/> Polyester Resin Operation	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> Rule 464 (12/07/90) <input type="checkbox"/> 40 CFR60 SUBPART QQQ <input type="checkbox"/> 40 CFR63 SUBPART CC <input type="checkbox"/> Rule 1103 (12/07/90) <input type="checkbox"/> Rule 1162 (05/13/94) <input type="checkbox"/> Rule 1171 (06/13/97)	<input type="checkbox"/> Rule 1176(h) N/A See Applicable Subpart See Applicable Subpart <input type="checkbox"/> Rule 1103(f) <input type="checkbox"/> Rule 1162(f) & (g) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart <input type="checkbox"/> Rule 1103(e) <input type="checkbox"/> Rule 1162(e) <input type="checkbox"/> Rule 1171(g)(7)
<input type="checkbox"/> Printing Press <input type="checkbox"/> Public Owned Treatment Works Operation	<input type="checkbox"/> See Coating Operations <input type="checkbox"/> Rule 1179 (03/06/92) <input type="checkbox"/> 40 CFR60 SUBPART O	<input type="checkbox"/> Rule 1179(e) See Applicable Subpart	<input type="checkbox"/> Rule 1179(c) & (d) See Applicable Subpart
<input checked="" type="checkbox"/> Pumps <input type="checkbox"/> Recycling & Recovery Equipment for Ozone Depleting Substances (ODS), <input type="checkbox"/> Refrigerant Reclaimers for Ozone Depleting Substances (ODS)	<input type="checkbox"/> See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions <input type="checkbox"/> 40 CFR82 SUBPART F <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Rendering Plant <input type="checkbox"/> Rock Crushing <input type="checkbox"/> Sewage Treatment Plants <input type="checkbox"/> Smelting, Secondary Lead	<input type="checkbox"/> Rule 472 (05/07/76) <input type="checkbox"/> See Nonmetallic Mineral Processing Plants <input type="checkbox"/> See Public Owned Treatment Works Operation <input type="checkbox"/> 40 CFR60 SUBPART L	N/A See Applicable Subpart	<input type="checkbox"/> Rule 472(b) See Applicable Subpart

Section II - Applicable Requirements, Test Methods, MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Spray Booth	See Coating Operations		
<input type="checkbox"/> Sterilizer, Ethylene Oxide	<input type="checkbox"/> 40 CFR63 SUBPART O	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Storage Tank, Degassing Operation	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Storage Tank, Greater Than 19,815 Gallon Capacity	<input checked="" type="checkbox"/> Rule 463 (03/11/94)	<input checked="" type="checkbox"/> Rule 463(g)	<input checked="" type="checkbox"/> Rule 463(e)(5)
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input checked="" type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input checked="" type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart
	<input checked="" type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Synthetic Fiber Production Facilities	<input type="checkbox"/> 40 CFR60 SUBPART HHH	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Turbine, Stationary Gas Turbines	<input type="checkbox"/> Rule 1134 (08/08/97)	<input type="checkbox"/> CEMS Rule 1134(e) & (g)	<input type="checkbox"/> Rule 1134(d) & (f)
	<input type="checkbox"/> Rule 475 (08/07/78)	<input type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3	
	<input type="checkbox"/> 40 CFR60 SUBPART GG	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Valves	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Vessel, Refinery Process	<input type="checkbox"/> Rule 1123 (12/07/90)	N/A	<input type="checkbox"/> Rule 1123(e)
<input checked="" type="checkbox"/> Vessels	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Wastewater, Chemical Plant	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input type="checkbox"/> Rule 464 (12/07/90)	N/A	
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
<input checked="" type="checkbox"/> Wastewater Treatment, Other	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input checked="" type="checkbox"/> Rule 464 (12/07/90)	N/A	

Section IV - SIP-Approved Rules That Are Not The Most Current AQMD Rules

Check off each SIP-Approved Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies	SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies
401	03/02/84	<input checked="" type="checkbox"/>	1128	02/07/92	<input type="checkbox"/>
403	05/07/76	<input checked="" type="checkbox"/>	1130	09/08/95	<input type="checkbox"/>
404	10/05/79	<input checked="" type="checkbox"/>	1130.1	07/09/93	<input type="checkbox"/>
405	05/07/76	<input checked="" type="checkbox"/>	1134	12/07/95	<input type="checkbox"/>
431.1	05/06/83	<input checked="" type="checkbox"/>	1136	09/08/95	<input type="checkbox"/>
431.2	02/02/79	<input checked="" type="checkbox"/>	1140	02/01/80	<input type="checkbox"/>
444	10/02/81	<input checked="" type="checkbox"/>	1141.1	11/04/83	<input type="checkbox"/>
465	12/07/90	<input type="checkbox"/>	1145	01/10/92	<input type="checkbox"/>
466.1	05/02/80	<input checked="" type="checkbox"/>	1151	12/09/94	<input type="checkbox"/>
469	05/07/76	<input type="checkbox"/>	1171	05/12/95	<input type="checkbox"/>
475	10/08/76	<input type="checkbox"/>	1176	05/13/94	<input type="checkbox"/>
701	09/08/95	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1102.1	12/07/90	<input type="checkbox"/>			<input type="checkbox"/>
1104	03/01/91	<input type="checkbox"/>			<input type="checkbox"/>
1106.1	05/01/92	<input type="checkbox"/>			<input type="checkbox"/>
1107	05/12/95	<input type="checkbox"/>			<input type="checkbox"/>
1113	08/02/85	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1122	04/05/91	<input type="checkbox"/>			<input type="checkbox"/>
1124	01/13/95	<input type="checkbox"/>			<input type="checkbox"/>

Section V - AQMD Rules That Are Not SIP-Approved

Check off each AQMD Rule as it applies to the facility. Use the blanks at the end of this form to fill-in new items.

Non SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies	Non SIP-Approved Rule	Adoption/ Amendment Date	Check (✓) if Applies
53 Los Angeles Co.	N/A	<input type="checkbox"/>	1404	04/06/90	<input type="checkbox"/>
53 Orange Co.	N/A	<input type="checkbox"/>	1405	01/04/91	<input type="checkbox"/>
53 Riverside Co.	N/A	<input type="checkbox"/>	1406	07/08/94	<input type="checkbox"/>
53 San Bernardino Co.	N/A	<input type="checkbox"/>	1407	07/08/94	<input type="checkbox"/>
53A San Bernardino Co.	N/A	<input type="checkbox"/>	1411	03/01/91	<input type="checkbox"/>
402	05/07/76	<input checked="" type="checkbox"/>	1414	05/03/91	<input type="checkbox"/>
441	05/07/76	<input type="checkbox"/>	1415	10/14/94	<input type="checkbox"/>
443.1	12/05/86	<input type="checkbox"/>	1418	01/10/92	<input checked="" type="checkbox"/>
473	05/07/76	<input type="checkbox"/>	1420	09/11/92	<input type="checkbox"/>
1109	08/05/88	<input type="checkbox"/>	1421	06/13/97	<input type="checkbox"/>
1110.1	10/04/85	<input checked="" type="checkbox"/>	1605	10/11/96	<input type="checkbox"/>
1110.2	11/14/97	<input checked="" type="checkbox"/>	1610	05/09/97	<input type="checkbox"/>
1112.1	02/07/86	<input type="checkbox"/>	1612	09/08/95	<input type="checkbox"/>
1116.1	10/20/78	<input type="checkbox"/>	1613	11/14/97	<input type="checkbox"/>
1135	07/19/91	<input type="checkbox"/>	1620	09/08/95	<input type="checkbox"/>
1138	11/14/97	<input type="checkbox"/>	1623	05/10/96	<input type="checkbox"/>
1149	07/14/95	<input checked="" type="checkbox"/>	2202	11/08/96	<input checked="" type="checkbox"/>
1150	10/15/82	<input type="checkbox"/>	2501	05/09/97	<input checked="" type="checkbox"/>
1163	06/07/85	<input type="checkbox"/>	2506	04/11/97	<input checked="" type="checkbox"/>
1166	07/14/95	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1168	04/11/97	<input type="checkbox"/>			<input type="checkbox"/>
1169	12/07/90	<input type="checkbox"/>			<input type="checkbox"/>
1170	05/06/88	<input type="checkbox"/>			<input type="checkbox"/>
1186	02/14/97	<input type="checkbox"/>			<input type="checkbox"/>
1401	12/07/90	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1402	04/08/94	<input checked="" type="checkbox"/>			<input type="checkbox"/>
1403	04/08/94	<input type="checkbox"/>			<input type="checkbox"/>