



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

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10 : TREATING/STRIPPING					P13.1
System 15: SELENIUM FILTERING UNIT					S13.2, S15.5, S15.12, S42.1
FILTER, ACTIVATED CARBON, DIAMETER: 6 FEET; HEIGHT: 9 FEET A/N: 529463 Permit to Construct Issued: <i>To be determined</i>	Dx				E448.x
FILTER, CARTRIDGE, DIAMETER: 2 FT; HEIGHT: 6 FEET 7 INCHES A/N: 529463 Permit to Construct Issued: <i>To be determined</i>	Dxx				E448.x
CARBON ADSORBER, ACTIVATED CARBON, ONE CANISTER, 5800 LBS, DIAMETER: 6 FEET; HEIGHT: 9 FEET A/N: 529463 Permit to Construct Issued: <i>To be determined</i>	Cx				E448.xx
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 529463 Permit to Construct Issued: <i>To be determined</i>	Dxxx			HAP: (10) [40CFR 63 Subpart CC, #2, 12-19-2005]	E207.x, H23.17

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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 limits (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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



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

FACILITY CONDITIONS

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

[CA PRC CEQA, 11-23-1970]

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

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

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

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

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

Total Reduced Sulfur

H2S

Hydrogen Fluoride

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

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

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

- b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.
- c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.
- d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.
- e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

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

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

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

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

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

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

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

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

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

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

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

[**RULE 2004, 5-11-2001**; **RULE 2004, 4-6-2007**]

F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[**RULE 431.1, 6-12-1998**]

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

California Code of Regulations, Title 13, Division 3, Chapter 5

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

40 CFR 79

40 CFR 80

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

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

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

40 CFR 63 Subpart GGGGG

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

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

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

[**CONSENT DECREE VALERO, 6-16-2005**]

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

PROCESS CONDITIONS

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

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

Contaminant	Rule	Rule/Subpart
BENZENE	40CFR61, SUBPART	FF

[40CFR61, SUBPART FF, 12-4-2003]

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

DEVICE CONDITIONS:

E. Equipment Operation/Construction Requirements

E207.1 The operator shall operate valves and flanges according to the following specifications:

For all new valves and flanges in VOC service, a leak greater than 200 ppm measured as methane above background by EPA Method 21 shall be repaired within 7 days of detection.

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

[Devices subject to this condition: Dxxx]

E448.x The operator shall comply with the following requirements:

The operator shall inspect/replace the filters no more than twice a week.

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

The operator shall completely shut the flow of stripped water to the filter vessel before opening the filter vessel.

Prior to opening the filter vessel, the operator shall drain the remaining liquid in the filter vessel to the wastewater system. In addition, the operator shall flush the drain system component with water while discharging the liquid to the wastewater system.

The operator shall keep all spent filters in a tightly covered container which shall remain closed at all times until removed and disposed.

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

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

[Devices subject to this condition: Dx, Dxx]

E448.xx The operator shall comply with the following requirements:

The operator shall inspect/replace the carbon no more than once per month.

The operator shall completely shut the flow of stripped water to the carbon vessel before opening the carbon vessel.

Prior to opening the carbon vessel, the operator shall drain the remaining liquid in the filter vessel to the wastewater system. In addition, the operator shall flush the drain system component with water while discharging the liquid to the wastewater system.

The operator shall keep all spent carbon in a tightly covered container which shall remain closed at all times until removed and disposed.

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

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

[Devices subject to this condition: Cx]

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

H. Applicable Rules

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[**RULE 1173, 5-13-1994**; RULE 1173, 2-6-2009]

[Devices subject to this condition: D872, D1321, D1323, D1353, D1626, Dxxx]

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