



FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS COMPANY

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	Emission* And Requirements	Conditions
Process 14 : LOADING AND UNLOADING					P13.1
System 28: LPG/PENTANE LOADING/UNLOADING					S7.2, S15.3 , S31.15
LOADING AND UNLOADING ARM, RAIL CAR, PENTANE, LPG, WITH VAPOR BALANCE OR RETURN LINE, 5 TOTAL; DIAMETER: 4 IN A/N: 475142 <u>Permit to Construct Issued: 06/06/08</u>	D3777				C1.84, D90.35, E71.18, K67.25
KNOCK OUT POT, V 755, WITH EMERGENCY PRESSURE RELIEF VALVE VENTED TO ISOMAX VAPOR RECOVERY SYSTEM, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 475142 <u>Permit to Construct Issued: 06/06/08</u>	D4265				
<u>FUGITIVE EMISSIONS, MISCELLANEOUS</u> A/N: 475142	<u>Dxxxx</u>			<u>HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]</u>	<u>H23.3</u>

- CONDITIONS -

New are noted in bold & underlines. Additions are noted in bold and deletions in strikeouts.

PROCESS CONDITIONS:

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

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 14]

SYSTEM CONDITIONS:

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

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 Final Environmental Impact Report dated 30-Nov-2001 for this facility.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 3, System 5; Process 4, System 3 , 4; Process 8, System 8; Process 14, System 28]



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

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

All vent gases under normal operating conditions shall be directed to the LPG Vent Gas Vapor Recovery System.

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

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

[Systems subject to this condition: ~~Process 14, System 28~~]

S31.15 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 378811, 380595, 380596, 380597, 380611, 385372, 385373, 385374 and 475142:

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

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

All new valves and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in R1173, shall be distinctly identified from other components through their tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service as defined in Rule 1173, except valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.



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

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

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

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

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

[Systems subject to this condition : Process 1, System 18; Process 3, System 5; Process 4, System 3 , 4; Process 8, System 8; Process 14, System 28; Process 16, System 8 , 10]

DEVICE CONDITIONS:

C. Throughput or Operating Parameter Limits

C1.84 The operator shall limit the throughput to no more than 540000 barrel(s) in any one calendar month.

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

[Devices subject to this condition: D3777]

D. Monitoring/Testing Requirements

D90.35 The operator shall monitor the throughput of this device according to the following specifications:

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

Records of throughput shall be retained for a period of five years and made available to the Executive Officer upon request.

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

[Devices subject to this condition: D3777]

E. Equipment Operation/Construction Requirements

E71.18 The operator shall only operate this equipment if it is connected to a vapor return or balance system.

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

[Devices subject to this condition: D3777]



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

H. Applicable Rules

H23.3 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: D3657, **Dxxxx**]

K. Record Keeping/Reporting

K67.25 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Amount of pentane and LPG loaded in barrels per calendar month.

~~Records shall be kept and maintained for at least two years, and shall be made available to the Executive Officer or his authorized representative upon request. Once the Title V permit is issued, records shall be maintained for five years.~~

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

[Devices subject to this condition: D3777]