



**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	Emissions and Requirements	Conditions
Process 16: STORAGE TANKS					P13.1
System 2: INTERNAL FLOATING ROOF TANK					S13.3
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 172, WELDED SHELL, 33,000 BBL; DIAMETER: 95 FT 5 IN; HEIGHT: 28 FT 3.25 IN, WITH FLOATING ROOF, PAN PRIMARY SEAL, CATEGORY B OR BETTER, WIPER TYPE GUIDEPOLE, UNSLOTTED, WITH GASKETED SLIDING COVER A/N: 437429	D1323			BENZENE: (10) [40CFR61 Subpart FF, #2, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.152 C6.1 E71.69 E71.70 H23.17 K67.64

Equipment	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
Process 16: STORAGE TANKS					P13.1
System 3: EXTERNAL FLOATING ROOF TANK					S13.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 498, WELDED SHELL, , 150,000 BBL; DIAMETER: 150 FT; HEIGHT: 47 FT 7 IN, WITH A MIXER, WITH FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE GUIDEPOLE, UNSLOTTED, WITH GASKETED SLIDING COVER AND POLE WIPER A/N: 454293	D1393			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.54
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 934, TWO AGITATORS, 150,000 BBL; DIAMETER: 138 FT 6 IN; HEIGHT: 56 FT, WELDED SHELL , WITH FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER RIM MOUNTED GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE AND POLE WIPER A/N: 436072	D1467			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.32 C1.150 E71.71 E440.9 H23.10 K67.76



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Equipment	ID No.	Connected To	RECLAIM Source Type	Emissions and Requirements	Conditions
Process 16: STORAGE TANKS					P13.1
System 10: DOMED EXTERNAL FLOATING ROOF TANK					S13.9, S31.15
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 186, WELDED SHELL, WITH TWO MIXERS, 157596 BBL; DIAMETER: 150 FT; HEIGHT: 53 FT 6.88 IN, WITH DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, AND POLE WIPER A/N: 435990	D1362			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	H23.24 K67.53

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: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16]

SYSTEM CONDITIONS:

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

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

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

[Systems subject to this condition: Process 16, System 1, 2, 3, 5]



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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

[Systems subject to this condition: Process 16, System 1, 2, 3, 5]

- 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, 385371, 385372, 385373, and 385374:

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.

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.



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

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 two years, and shall be made available to the Executive Officer or his authorized representative upon request.

RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 7, System 7; Process 8, System 8; Process 14, System 28; Process 16, System 8, 10]

DEVICE CONDITIONS

B22.32 The operator shall not use this equipment with materials having a(n) true vapor pressure of 3.0 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1178, 4-7-2006]

[Devices subject to this condition: D1467]

C1.150 The operator shall limit the throughput to no more than 8,592,520 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 the time that the ATLG went out of service.



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

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

[Devices subject to this condition: D1467]

C1.152 The operator shall limit the throughput to no more than 438,000 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 or 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: D1323]

C6.1 The operator shall use this equipment in such a manner that the organic vapor concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use an explosimeter or equivalent to monitor the vapor space above the internal floating roof.

The operator shall monitor at least twice a year between 4 to 8 months apart.

[RULE 463, 5-6-2005]

[Devices subject to this condition: D1269, D1319, D1321, D1323, D1326, D1327, D1330, D1335, D1336, D1337]

E71.69 The operator shall only use this equipment for the storage of wastewater.

[RULE 1401, 3-4-2005]



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

[Devices subject to this condition: D1323]

E71.70 The operator shall only use this equipment for the storage of materials with true vapor pressures equal or less than 10.87 psia at actual storage conditions.

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

[Devices subject to this condition: D1323]

E71.71 The operator shall only use this equipment for the storage of any of the following materials / commodities: Diesel Fuel, Jet A Fuel, JP-4 Fuel and JP-8 Fuel.

[RULE 1401, 3-4-2005]

[Devices subject to this condition: D1467]

E440.9 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall not use the slotted guidepole without a float and its wiper when the commodity being stored in this equipment has a vapor pressure greater than or equal to 0.5 psia at storage conditions.

The operator shall notify the primary SCAQMD inspector for the refinery anytime that the pole float is inserted into or removed from the slotted guidepole. The notification shall be made within 5 days of each insertion or removal of the pole float and shall include the basis for the insertion or removal of the pole float.

[RULE 463, 5-6-2005]

[Devices subject to this condition: D1390, D1442, D1467]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	K

[40CFR 60 Subpart K, 5-5-1989]

[Devices subject to this condition: D1282, D1283, D1313, D1358, D1361, D1375, D1377, D1386, D1389, D1411, D1416, D1417, D1418, D1420, D1449, D1467]

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

Contaminant	Rule	Rule/Subpart
Benzene	40CFR61, Subpart	FF
VOC	40CFR60, Subpart	Kb

[40CFR 61 Subpart FF, 12-4-2003; 40CFR 60 Subpart Kb, 10-15-2003]



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

[Devices subject to this condition: D1269, D1323, D1327, D1335, D1336, D1347, D1348, D1352, D1367, D1374, D1394, D1401, D1402, D1413, D1414, D1415, D1459, D1465, D1473, D1608, D1609, D1610, D1611, D1612, D1613, D1614, D1615, D1616, D1617, D4119, D4121, D4123, D4125, D4127, D4129, D4131, D4133, D4135, D4137, D4139, D4141, D4143, D4145, D4147, D4149, D4151, D4153, D4155, D4157, D4159, D4161, D4163, D4165, D4167, D4169, D4171, D4173, D4175, D4177, D4179, D4181, D4183, D4185, D4187, D4189, D4191, D4193, D4195, D4197]

H23.24 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: D1293, D1305, D1329, D1330, D1337, D1362, D1371, D1373, D1390, D1399, D1423, D1429, D1432, D1450, D1452, D1453]

K67.53 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels per calendar month.

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(d), 1149, 1178, 40CFR60 Subpart Kb, and 40CFR63, Subpart CC.

[RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 63 Subpart CC, 6-23-2003]

[Devices subject to this condition: D1362, D1432]

K67.54 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.

Other records that may be required to comply with the applicable requirements of District Rules 463, 1149, 1178, and 40CFR63, Subpart CC.



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

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition: D1324, D1351, D1356, D1363, D1366, D1393, D1439, D1445, D1446, D1447, D1449, D1451]

K67.64 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels per calendar month.

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, 1178, 40CFR60, Subpart Kb, 40CFR61, Subpart FF, and 40CFR63, Subpart CC.

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003; 40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition: D1323, D1327, D1335, D1465, D1473]

K67.76 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels per calendar month.

Commodity/product stored and time period of its storage.

Actual vapor pressure, in psia, of each commodity/product stored.

Other records that may be required to comply with the applicable requirements of District Rules 463, 1149, 1178, 40CFR60, Subpart K, and 40CFR63, Subpart CC.

[RULE 1149, 5-2-2008; **RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart K, 5-5-1989; 40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition: D1467]