



**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 3: EXTERNAL FLOATING ROOF TANK					S13.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1008, WELDED SHELL, WITH THREE MIXERS, 600000 BBL; DIAMETER: 260 FT 3 IN; HEIGHT: 63 FT 9 IN, WITH FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED GUIDEPOLE, UNSLOTTED, WITH GASKETED SLIDING COVER AND POLE WIPER A/N 511207	D1452			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.31, C1.115, D90.36, E71.62, H23.24, K67.41
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1012, WELDED SHELL, WITH THREE MIXERS AND AN EXTERNAL HEATER, 486585 BBL; DIAMETER: 260 FT; HEIGHT: 63 FT 9 IN WITH FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE GUIDEPOLE, SLOTTED, WITH GASKETED SLIDING COVER, POLE SLEEVE, POLE FLOAT AND FLOAT WIPER A/N 504577	D1454			HAP: (10) [40CFR 63 Subpart CC, #3A, 5-25-2001]	C1.121, E71.48, E71.49, E440.9, E440.10, H23.12, K67.52

- * (1) Denotes RE CLAIM 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
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, 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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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	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]

DEVICE CONDITIONS

B22.31 The operator shall only use this equipment with materials having a(n) true vapor pressure of 5.8 psia or less under actual operating conditions.

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

[Devices subject to this condition : D1452]

C1.115 The operator shall limit the throughput to no more than 1,639,504 barrel(s) in any one calendar month.

The operator shall calculate the throughput, in barrels, by the following equation:

- | | |
|--|---|
| * (1) Denotes RE CLAIM 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 |
| (7) Denotes NSR applicability limit | (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, etc.) |
| (9) See App B for Emission Limits | (10) See Section J for NESHAP/MACT requirements |

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

$0.14 \times D \times D \times L$, 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: D1452]

C1.121 The operator shall limit the throughput to no more than 1,667,000 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.

- * (1) Denotes RE CLAIM 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
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, etc.)
- (9) See App B for Emission Limits
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The operator shall comply with the terms and conditions set forth below:

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.

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

[Devices subject to this condition: D1454]

D90.36 The operator shall periodically monitor the vapor pressure of the material stored in this storage tank according to the following specifications:

The operator shall determine the true vapor pressure by one of the following methods: 1) sample and test the materials stored, 2) derive the vapor pressure using engineering calculations, or 3) maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

Records of material stored, and their MSDS if applicable, shall be retained for a period of five years and made available to the Executive Officer upon request.

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

[Devices subject to this condition : D1270, D1277, D1278, D1279, D1280, D1285, D1286, D1287, D1288, D1290, D1292, D1293, D1300, D1301, D1303, D1329, D1335, D1352, D1417, D1420, D1429, D1439, D1452, D1453, D1454, D1455, D1464, D1608, D1609, D1610, D1611, D1612, D1613, D1614, D1615, D1616, D1617, D1686, D2177, D2183, D3944, 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, D4285]

- * (1) Denotes RE CLAIM 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
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, etc.)
- (9) See App B for Emission Limits
- (10) See Section J for NESHAP/MACT requirements

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

E71.48 The operator shall only use this equipment for the storage of FCC Feed and Hydrobate with a true vapor pressure of less than 3 psia at actual storage conditions. This vapor pressure limit shall not apply for the storage of crude oil. The purpose of this condition is to ensure that this equipment operates in such a manner that it complies with R1178.

[RULE 1178, 4-7-2006]

[Devices subject to this condition: D1454]

E71.49 The operator shall only use this equipment for the storage of crude oil with true vapor pressure of less than 9.0 psia at storage conditions.

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

[Devices subject to this condition: D1454]

E71.62 The operator shall only use this equipment for the storage of crude oil.

[RULE 1178, 4-7-2006; RULE 1401, 5-5-2009]

[Devices subject to this condition: D1452]

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: D1371, D1373, D1454]

E440.10 The operator shall operate and maintain this equipment according to the following specifications:

The sliding cover shall be in place over the slotted-guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.

- * (1) Denotes RE CLAIM 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) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, 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:

The deck fitting shall be visually inspected for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeters (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material. Tanks taken out of hydrocarbon service, for any reason, do not have to have any slotted-guidepole controls in place during the time they are out of service.

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

[Devices subject to this condition: D1454]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, Subpart	Ka

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

[Devices subject to this condition: D1454]

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 : D1305, D1329, D1330, D1336, D1337, D1390, D1399, D1423, D1429, D1432, D1450, D1452, D1453]

K67.41 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.

* (1) Denotes RE CLAIM 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
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAP, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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

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, 40CFR 60 Subpart Kb, and 40CFR 63 Subpart CC.

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

[Devices subject to this condition: D1452, D1453]

K67.52 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.

Date and time of any removal or insertion of the slotted guidepole float.

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

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

[Devices subject to this condition: D1454]

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