



FACILITY PERMIT TO OPERATE LUNDAY-THAGARD COMPANY

SECTION H: 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 2 : TREATING/STRIPPING | | | | | |
| System 2: TANK VENT LINE H2S REMOVAL SYSTEM | | | | | |
| SCRUBBER, PACKED BED, V-510, SULFUR SCRUBBING MEDIA, 6000 LBS, MIN PACKING HEIGHT: 4 FT; IN SERIES DIAMETER: 4 FT; HEIGHT: 8 FT A/N: 543241 | C239 | D35, D45, D47, D48, D49, D50, D51, D68, D74, C240, C97, D251, D252 | | | E193.2, E193.4, E193.5 |
| SCRUBBER, PACKED BED, V-511, SULFUR SCRUBBING MEDIA, 6000 LBS; MIN PACKING HEIGHT: 4 FT; IN SERIES DIAMETER: 4 FT; HEIGHT: 8 FT A/N: 543241 | C240 | D35, D45, D47, D48, D49, D50, D51, D68, D74, C239, C97, D251, D252 | | | E193.2, E193.4, E193.5 |
| BLOWERS, BL-514 AND BL-515, ONE STANDY-BY, 3 HP, COMMON TO C239 AND C240 A/N: 543241 | D242 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N 4543241 | D244 | | | | H23.17 |
| Process 5 : STORAGE TANKS | | | | | |
| System 1: FIXED ROOF | | | | | |
| STORAGE TANK, FIXED ROOF, CRUDE OIL 10001, WITH A MIXER, 10307 BBL, DIAMETER: 41 FT; HEIGHT: 43 FT 10 IN A/N:540826 | D251 | C239, C240 | | | C1.21, E71.8, H23.13, H23.20, K67.6 |
| STORAGE TANK, FIXED ROOF, 3503, SLOP OIL, WASTEWATER, 3700 BBL; DIAMETER: 30 FT; HEIGHT: 29 FT 5 IN A/N: 539681 | D252 | C239, C240 | | | C1.31, E71.8, H23.13, H23.20, K67.6 |

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C1.21 The operator shall limit the throughput to no more than 97,984 barrels in any one calendar month.



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

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 product level 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 product level. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way product level 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; Rule 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D251]

C1.31 The operator shall limit the throughput to no more than 31,000 barrels 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 product level 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 product level. For the purpose of this condition, continuous recording is defined as once every 15 minutes.

The operator shall calculate the total one-way product level movement, in feet, on a daily and monthly basis.



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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 time that the ATLG went out of service.

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

[Devices subject to this condition: D49, D252]

E. Equipment Operation/Construction Requirements

E71.8 The operator shall not begin operation of this equipment until storage tanks D46 (A/N 426411) and D52 (A/N 494003) have been shut down and permits surrendered.

[Rule 1313(d), 12-7-1995]

[Devices subject to this condition: D251, D252]

E193.2 The operator shall operate and maintain this equipment as follows:

Two vessels in total: one in operation, the other in stand-by.

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

[Devices subject to this condition: C220, C221, C239, C240]

E193.4 The operator shall operate and maintain this equipment as follows:

During media change-out operations, spent media shall:

- 1) Be placed immediately into sealed containers after removal



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

- 2) During breaks in media removal activities, all vessels and/or containers containing spent media shall be sealed and not exposed to the atmosphere.

[Rule 402, 5-7-1976]

[Devices subject to this condition: C239, C240]

E193.5 The operator shall operate and maintain this equipment as follows:

Equipment shall only receive displaced gases from C217, C218, or C219 when such vessels are out of service for media removal operations.

For purposes of this condition, displaced gases are the off-gases from degassing unit C217, C218, or C219 when in stand-by mode and not operating as the sulfur control device for the crude units.

[Rule 402, 5-7-1976]

[Devices subject to this condition: C239, C240]

H. Applicable Rules

H23.13 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: D35, D45, D47, D48, D49, D50, D51, D68, D74, D251, D252]

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

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1173 |



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

| | | |
|--|------------------|------|
| VOC | 40CFR60, Subpart | GGGa |
| [Rule 1173, 5-13-1994; Rule 1173, 2-6-2009; 40CFR 60 Subpart GGGa, 6-2-2008] | | |

[Devices subject to this condition: D235. D244]

H23.20 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 |

[Rule 1149, 7-14 1995; Rule 1149, 5-2-2008; Rule 1178, 4-7-2006; Rule 463, 5-6-2005; 40CFR 60, Subpart Kb, 10-15-2003]

[Devices subject to this condition: D251, D252]

K. Record Keeping/Reporting

K67.6 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 month.

Commodity/product stored.

Vapor pressure, in psia, of each commodity/product stored on a quarterly basis.

Other records that may be required to comply with the applicable requirements of District Rules 463 & 1173.

Records shall be kept and maintained for at least 5 years, and shall be made available to the Executive Officer or his authorized representative upon request.



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

[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: D35, D45, D47, D48, D49, D50, D51, D68, D74, D251, D252]