

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

Additions to the equipment description and conditions are indicated with underlines, deletions are indicated with ~~strikeouts~~.

Equipment	ID No.	Connected To	RECLAIM Source Type / Monitoring Unit	Emissions * and Requirements	Conditions
PROCESS 3: STORAGE TANKS					
SYSTEM 2 : INTERNAL FLOATING ROOF TANKS					S13.2
STORAGE TANK, RIVETED SHELL , INTERNAL FLOATING ROOF, NO. 505, 80143 BBL; DIAMETER: 117 FT 3 IN; HEIGHT; 41 FT 10 IN WITH A/N 501514 <u>542998</u>	D174				B22.5, <u>B59.4</u> , C1.51, C6.1, <u>E448.X</u> , H23.13, <u>K67.8</u>
FLOATING ROOF, PAN, STEEL PONTOON RIVETED SHELL					
PRIMARY SEAL, METALLIC SHOE					
SECONDARY SEAL, RIM MOUNTED, WIPER TYPE					
COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 560, 80044 BBL; DIAMETER: 117 FT 2 IN; HEIGHT; 42 FT WITH A/N 349400 <u>543001</u>	D179				B22.5, <u>B59.4</u> , C1.51, C6.1, <u>E448.X</u> , H23.13, <u>K67.8</u>
FLOATING ROOF, PAN, WELDED RIVETED SHELL					
PRIMARY SEAL, METALLIC SHOE					
SECONDARY SEAL, RIM MOUNTED, WIPER TYPE					

- * (1) Denotes RECLAIM 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 limit
- (7) Denotes NSR applicability limit
- (8)(8A)(8B) Denotes 40 CFR limit (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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<p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>					
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 561, 79251 BBL; DIAMETER:117 FT 3 IN; HEIGHT; 41 FT 6 IN WITH A/N 349401 543002</p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p> <p>SECONDARY SEAL, RIM MOUNTED, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D180				B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 564, 80042 BBL; DIAMETER:117 FT; HEIGHT; 42 FT WITH A/N 349405 543005</p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, WIPER TYPE</p> <p>SECONDARY SEAL, RIM MOUNTED, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D181				B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 565, 78819 BBL; DIAMETER:117 FT 2 IN; HEIGHT; 42 FT 7 IN WITH</p>	D182				B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8

- (1) Denotes RECLAIM emission factor
 - (2) Denotes RECLAIM emission rate
 - (3) Denotes RECLAIM concentration limit
 - (4) Denotes BACT emission limit
 - (5)(SA)(SB) Denotes command and control emission limit
 - (6) Denotes air toxic control rule limit
 - (7) Denotes NSR applicability limit
 - (8)(9A)(9B) Denotes 40 CFR limit (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:

<p>A/N 349003 543006</p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, WIPER TYPE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>				
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 566, 80000 BBL; DIAMETER: 117 FT 4 IN; HEIGHT: 41 FT 6 IN WITH A/N 349411 543007</p> <p>FLOATING ROOF, PAN RIVETED SHELL</p> <p>PRIMARY SEAL, MECHANICAL SHOE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D189			B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 568, 80159 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 7 IN WITH A/N 349442 543009</p> <p>FLOATING ROOF, PAN WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, WIPER TYPE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p>	D148			B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8

- (1) Denotes RECLAIM emission factor
 - (2) Denotes RECLAIM emission rate
 - (3) Denotes RECLAIM concentration limit
 - (4) Denotes BACT emission limit
 - (5)(SA)(SB) Denotes command and control emission limit
 - (6) Denotes air toxic control rule limit
 - (7) Denotes NSR applicability limit
 - (8)(RA)(RB) Denotes 40 CFR limit (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.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

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

<u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u>					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 569, 80000 BBL; DIAMETER:117 FT 2 IN; HEIGHT; 41 FT 8 IN WITH A/N 349412 543010 FLOATING ROOF, PAN, WELDED RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, <u>RIM MOUNTED, WIPER TYPE</u> <u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u>	D188				B22.5, B59.4, C1.51, C6.1, E448.X, H23.13, K67.8
STORAGE TANK, INTERNAL FLOATING ROOF, TANK NO. 572, 79398 BBL; DIAMETER:117 FT 4 IN; HEIGHT; 41 FT 10 IN WITH A/N 418357 543013 FLOATING ROOF, PAN, WELDED RIVETED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE <u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u>	D150				B22.5, B59.4 C1.19, C1.X2, C6.3, E448.X, H23.13, K67.8
STORAGE TANK, INTERNAL FLOATING ROOF, TANK NO. 573, 80065 BBL; DIAMETER:117 FT 5 IN; HEIGHT; 41 FT 6 IN WITH	D151				B22.5, B59.4 C1.19, C1.X2, C6.3, E448.X, H23.13, K67.8

- (1) Denotes RECLAIM emission factor
- (2) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5)(SA)(SB) Denotes emission and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8)(SA)(SB) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
- (9) See App B For Emission Limits
- (10) See Section I for NESHAP/MACT requirements

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

<p>A/N 418358 <u>543014</u></p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p> <p>SECONDARY SEAL, RIM MOUNTED, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>				
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 583, PETROLEUM DISTILLATES, 117875 BBL; DIAMETER: 144 FT 2 IN; HEIGHT; 40 FT 2 IN WITH A/N 494234 <u>543015</u></p> <p>FLOATING ROOF, PAN, RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D185			B22.6, B59.4 C1.46, C1.X1, <u>C6.2, E448.X,</u> <u>H23.13, K67.8</u>
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 727, 117337 BBL; DIAMETER: 144 FT 1 IN; HEIGHT; 40 FT 1 IN WITH A/N 418360 <u>543018</u></p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p>	D191			B22.5, B59.4 C1.19, C1.X2, <u>C6.3, E448.X,</u> <u>H23.13, K67.8</u>

- (1) Denotes RECLAIM emission factor
- (2) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5)(SA)(SB) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8)(BA)(BB) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, 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:

<p>SECONDARY SEAL, RIM MOUNTED, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>				
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 729, 117006 BBL; DIAMETER:144 FT 1 IN; HEIGHT; 40 FT 6 IN WITH A/N 349430 543019</p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D192			B22.5, B59.4, C1.51, C6.1, E448.X, H23.11, H23.13, K67.8
<p>STORAGE TANK, INTERNAL FLOATING ROOF, NO. 730, 117293 BBL; DIAMETER:143 FT 10 IN; HEIGHT; 40 FT 6 IN WITH A/N 349429 543020</p> <p>FLOATING ROOF, PAN, WELDED RIVETED SHELL</p> <p>PRIMARY SEAL, METALLIC SHOE</p> <p>SECONDARY SEAL, <u>RIM MOUNTED</u>, WIPER TYPE</p> <p><u>COLUMN WELL, PIPE COLUMN WITH FLEXIBLE FABRIC SLEEVE SEAL AND A RADAR GAUGE ATLG SYSTEM</u></p>	D193			B22.5, B59.4, C1.51, C6.1, E448.X, H23.11, H23.13, K67.8

Conditions

- * (1) Denotes RECLAIM emission factor
 - (2) Denotes RECLAIM emission rate
 - (3) Denotes RECLAIM concentration limit
 - (4) Denotes BACT emission limit
 - (5)(5A)(5B) Denotes consent and control emission limit
 - (6) Denotes air toxic control rule limit
 - (7) Denotes NSR applicability limit
 - (8)(8A)(8B) Denotes 40 CFR limit (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:

S13.2

All devices under this system are subject to the applicable requirements of the following rules and regulations.

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

[RULE 1149 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7,2006; RULE 463, 5-6-2005]
 [Systems subject to this condition: Process 3, System 1, 2, 3, 5]

B. Material/Fuel Type Limits

B22.5

The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-96; RULE 463, 5-6-2005]
 [Devices subject to this condition : D174, D179, D180, D181, D182, D189, D148, D188, D150, D151, D185, D191, D192, D193]

B22.6

The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

Material Safety Data Sheet (MSDS) shall be used to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-96; RULE 463, 5-6-2005]
 [Devices subject to this condition : D185]

B59.4

The operator shall only use the following material(s) for storage in this equipment:

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|--|---|
| * (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(SA)(SB) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(BA)(BB) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, 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:

Gasoline and gasoline blend stocks (e.g. alkylate, iso-octane)

Jet Fuel

Diesel Fuel

Ethanol/Denatured Ethanol

Bio-equivalents (e.g., bio-diesel and bio-jet)

Synfuel equivalents (e.g., oil shale, coal, tar sand derived gasoline, diesel, or jet)

[RULE 1303(b)(2)-Offset, 5-10-96]

[Devices subject to this condition : D174, D179, D180, D181, D182, D189, D148, D188, D150, D151, D191, D192, D193]

C. Throughput or Operating Parameter Limits

C1.19

The operator shall limit the throughput to no more than 760,500 barrel(s) in any one calendar month

~~Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15 minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.~~

~~The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.~~

~~The ATLG 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 $\frac{1}{4}$ inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15-minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.~~

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

~~The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each commodity stored in the equipment.~~

~~In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15 minute tank level data averaged for the previous 30 calendar days.~~

~~In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15 minute tank level data averaged for the previous 30 calendar days.~~

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

~~[Devices subject to this condition :]~~

~~C1.37~~

~~The operator shall limit the throughput to no more than 9.125e+06 barrel(s) in any one year.~~

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

~~[Devices subject to this condition :]~~

~~C1.46~~

~~The operator shall limit the throughput to no more than 608,334 barrel(s) in any one calendar month~~

~~Automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. Tank liquid surface level data shall be recorded every 15 minutes and these 15 minute levels will be used to calculate level changes. The 15-minute level readings shall be used to calculate the total one-way roof movement, in feet, on a monthly basis.~~

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|--|---|
| * (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(SA)(SB) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(RA)(RB) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See Section I for NESHAP/MACT requirements |

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

~~The operator shall calculate monthly throughput by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet and L is the total one-way roof travel in feet per month as determined by the 15-minute level readings.~~

~~The ATLG 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 $\frac{1}{4}$ inch, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by 15 minute tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.~~

~~The operator shall keep monthly records on the throughput and the Reid Vapor Pressure for each commodity stored in the equipment.~~

~~In the case of a failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. During the period of failure or shutdown, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.~~

~~In the case of routine maintenance, the requirements of this condition shall not apply for a period not to exceed 4 hours in any calendar day. During the period of routine maintenance, throughput shall be determined by 15-minute tank level data averaged for the previous 30 calendar days.~~

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

~~[Devices subject to this condition :]~~

C1.X1

The operator shall limit the throughput to no more than 608,334 barrel(s) in any one 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 and L is the total one-way liquid surface level in feet per month.

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the liquid surface level. For the purpose of this condition, continuous recording is defined as once every 15-minutes.

The operator shall calculate the total one-way liquid surface level, in feet, on a 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, throughput shall be determined by 15-minute tank level data averaged for 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 15-minute 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 : D185]

C1.X2

The operator shall limit the throughput to no more than 760,500 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 and L is the total one-way liquid surface level in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the liquid surface level. For the purpose of this condition, continuous recording is defined as once every 15-minutes.

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

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FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

The operator shall calculate the total one-way liquid surface level, in feet, on a 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, throughput shall be determined by 15-minute tank level data averaged for 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 15-minute tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2) -Offset, 12-6-2002]

[RULE 1303(b)(2) -Offset, 12-6-2002]

[Devices subject to this condition : D150, D151]

C1.51

The operator shall limit the throughput to no more than 9,125,000 barrel(s) in any one year.

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 and L is the total one-way liquid surface level in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the liquid surface level. For the purpose of this condition, continuous recording is defined as once every 15-minutes.

- | | |
|--|---|
| (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(SA)(5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (E)(SA)(RB) Denotes 40 CFR limit (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.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

The operator shall calculate the total one-way liquid surface level, in feet, on a 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, throughput shall be determined by 15-minute tank level data averaged for 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 15-minute tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2) -Offset, 12-6-2002]

[Devices subject to this condition : D174, D179, D180, D181, D182, D189, D148, D188, D191, D192, D193]

C6.1

The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 50 percent of the Lower Explosive Limit.

The operator shall use an explosimeter or equivalent device to monitor the hydrocarbon concentration in the vapor space above the floating roof twice a year at a 4-8 month interval.

[RULE 1178, 4-6-2006; RULE 463, 5-6-2005]

[Devices subject to this condition: D174, D179, D180, D181, D182, D189, D148, D188, D192, D193]

C6.2

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

- | | |
|--|---|
| (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(SA)(SB) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(8A)(8B) Denotes 40 CFR limit (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.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration. The operator shall monitor the Lower Explosive Limit once every six months.

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

[Devices subject to this condition: [D185]

C6.3

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

The operator shall use An explosimeter or equivalent device to monitor the lower explosive limit (LEL) on an semi-annual basis.³

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

[Devices subject to this condition: [D150, D151, D191]

E. Equipment Operation/Construction Requirements

E448.x

The operator shall comply with the following requirements.

This permit shall expire if construction of this equipment is not complete within one year from the date of issuance of this permit unless an extension is granted by the executive officer.

H. Applicable Rules

H 23.11

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

- | | |
|---|---|
| (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(5A)(5B) Denotes emission and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(8A)(8B) Denotes 40 CFR limit (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.

**FACILITY PERMIT TO OPERATE
 EQUILON ENTER. LLC, SHELL OIL PROD. U S**

SECTION H: PERMIT TO CONSTRUCT

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Kb

[40CFR60 Subpart Kb, 10-15-2003]
 [Devices subject to this condition : D192, D193]

H 23.13

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	R

[40CFR63 Subpart R, 4-6-2006]
 [Devices subject to this condition : D174, D179, D180, D181, D182, D189, D148, D188, D150, D151, D185, D191, D192, D193]

K. Record Keeping/Reporting

K67.5

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

~~Throughput in barrels per month~~

~~Vapor pressure of stored liquid in psia~~

~~Other records that may be required to comply with the applicable requirements of District Rules 463 and 1178~~

~~[Rule 1178, 4-7-2006, Rule 463, 5-6-05]
 [Devices subject to this condition : D198, D199]~~

- * (1) Denotes RECLAIM emission factor
- (2) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5)(5A)(5B) Denotes consent 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.

FACILITY PERMIT TO OPERATE EQUILON ENTER. LLC, SHELL OIL PROD. U S

SECTION H: PERMIT TO CONSTRUCT

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

K67.8

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 and time period of its storage

True 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, Rule 1149, Rule 1178, 40CFR60, Subpart Kb, and 40CFR63, Subpart R

[Rule 463, 5-6-05; Rule 1149, 5-2-2008; Rule 1149, 7-14-1995; Rule 1178, 4-7-2006; Rule 1303(b)(2)-offset, 5-10-1996; 40CFR60, Subpart Kb, 10-15-2003; 40CFR63 Subpart R, 04-06-2006]

[Devices subject to this condition : D174, D179, D180, D181, D182, D189, D148, D188, D150, D151, D185, D191, D192, D193]

Note - The complete list of devices subject to each condition is listed in actual sections of the Title V/RECLAIM permit.

- | | |
|--|---|
| (1) Denotes RECLAIM emission factor | (2) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5)(5A)(5B) Denotes consent and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8)(8A)(8B) Denotes 40 CFR limit (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.