



**FACILITY PERMIT TO OPERATE  
CHEVRON PRODUCTS CO**

**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

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

Equipment	ID No.	Connected To	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 16 : STORAGE TANKS</b>					P13.1
<b>System 9 : MISCELLANEOUS TANKS</b>					
STORAGE TANK, FIXED ROOF, NO. 601, SULFUR, 22000 BBL; DIAMETER: 70 FT; HEIGHT: 32 FT A/N: C15312 <u>532429</u> <u>Permit to Construct Issued: XX/XX/12</u>	D1294	C1770 C1771	<u>SOX: PROCESS UNIT**</u>	<u>SOX-S COMPOUND:</u> 500 PPMV (5) [RULE 407, 4-2-1982]; <u>PM:</u> <u>(9) [RULE 404, 2-7-1986];</u> <u>SO2: 12 LBS/DAY (1) [RULE 2011, 5-6-2005]</u>	<u>D28.x,</u> <u>D28.x1,</u> <u>A195.x</u>
<b>Process 20 : AIR POLLUTION CONTROL</b>					
<b>System 9 : SULFUR VAPOR CONTROL SYSTEM</b>					
MIST ELIMINATOR <u>FILTER</u> , HEAF UNIT NO. 1, K-602 A/N: C41011 <u>533644</u> <u>Permit to Construct Issued: XX/XX/12</u>	C1770	D1294 D1295			D12.16 <u>D90.x</u>
MIST ELIMINATOR <u>FILTER</u> , HEAF UNIT NO. 2, K-602A, STANDBY A/N: C41011 <u>533644</u> <u>Permit to Construct Issued: XX/XX/12</u>	C1771	D1294 D1295			D12.16 <u>D90.x</u>
BLOWER, NO. 1, K-601, CENTRIFUGAL, WITH <u>100 HP</u> MOTOR DRIVE A/N: C41011 <u>533644</u> <u>Permit to Construct Issued: XX/XX/12</u>	D3487				

- \* (1)(1A)(1B) Denotes RECLAIM 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)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (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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Equipment	ID No.	Connected To	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 20 : AIR POLLUTION CONTROL</b>					
BLOWER, NO. 2, K-601A, (SPARE), CENTRIFUGAL, WITH <b>100 HP</b> MOTOR DRIVE, <b>STANDBY</b> A/N: <del>C41011</del> <u>533644</u> <u>Permit to Construct Issued: XX/XX/12</u>	D3488				

- \* (1)(1A)(1B) Denotes RECLAIM 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)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (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:

**DEVICE CONDITIONS**

**A. Emission Limits**

A195.x The 500 ppmv Sulfur Compounds emission limit(s) is averaged over 15 consecutive minutes and calculated as sulfur dioxide (SO<sub>2</sub>). Only non-SO<sub>2</sub> sulfur compound emissions from this equipment are subject to this limit.

[RULE 407, 4-2-1982]

[Devices subject to this condition: D1294]

**D. Monitoring/Testing Requirements**

~~D12.16 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the mist filter. The operator shall determine and record the parameter being monitored once a month.~~

~~— [RULE 3004(a)(4) Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]~~

~~— [Devices subject to this condition: C1770, C1771]~~

D28.x The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to establish a RECLAIM process unit equipment-specific emission rate, which upon District approval, shall be utilized to estimate and report quarterly emissions under District Rule 2011 in lieu of the estimated 12 lb/day SO<sub>2</sub> emission rate specified in the "Emissions and Requirements" column for Tank 601 (D1294).

The test shall be conducted not later than 180 days after initial startup following reconstruction of Tank #601.

The test shall be conducted when the SRU is running. Emissions shall be tested while sulfur is being loaded through the sulfur loading rack (Process 14 / System 23). Emissions shall also be tested when sulfur is not being loaded.

The test shall be conducted to determine the SO<sub>2</sub> emissions at the outlet of the APC device serving the equipment using a District-approved method.



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

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted after District approval of a source test protocol submitted in accordance with Section E – Administrative Conditions.

The test shall be conducted and test report submitted to the District in accordance with Section E – Administrative Conditions.

[RULE 2011, 5-6-2005]

[Devices subject to this condition: D1294]

D28.x1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least once every five years using an AQMD-approved source test method to demonstrate compliance with the Rule 407 concentration limit for non-SO<sub>2</sub> sulfur compounds (calculated as SO<sub>2</sub>).

The test shall be conducted when the equipment is operating under normal conditions.

The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition: D1294]

D90.x The operator shall monitor and record the differential pressure across the HEAF filter according to the following specifications:

The operator shall determine and record the parameter being monitored once a month during normal operation just prior to the filter mat advancing.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition: C1770, C1771]