



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### 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	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 6 : HYDROGEN GENERATION</b>					P13.1
<b>System 4 : STEAM NAPHTHA REFORMER (SNR)</b>					S2.1, S13.2, S13.4, S15.7, S15.10, <del>S15.20</del> , S31.12
REACTOR, GUARD, R-1320, HEIGHT: 21 FT 9 IN; DIAMETER: 6 FT A/N: <del>457257</del> <b>523950</b>	D588				
TANK, R-1325A, ZINC OXIDE, HEIGHT: 14 FT 11 IN; DIAMETER: 4 FT 6 IN A/N: <del>457257</del> <b>523950</b>	D589				
TANK R-1325B, ZINC OXIDE, HEIGHT: 15 FT 7 IN; DIAMETER: 4 FT 6 IN A/N: <del>457257</del> <b>523950</b>	D590				
REACTOR, CONVERTER, R-1350, HIGH TEMPERATURE SHIFT, HEIGHT: 13 FT 6 IN; DIAMETER: 12 FT A/N: <del>457257</del> <b>523950</b>	D591				
REACTOR, CONVERTER, R-1360, LOW TEMPERATURE SHIFT, WITH PRESSURE RELIEF VALVE VENTED TO ATMOSPHERE, HEIGHT: 12 FT 8 IN; DIAMETER: 12 FT A/N: <del>457257</del> <b>523950</b>	D592				
REACTOR, METHANATOR, R-1390, LENGTH: 18 FT 2 IN; DIAMETER: 8 FT A/N: <del>457257</del> <b>523950</b>	D593				
COLUMN, ABSORBER, C-1370, CO <sub>2</sub> , HEIGHT: 143 FT 11 IN; DIAMETER: 8 FT 6 IN A/N: <del>457257</del> <b>523950</b>	D594				
COLUMN, STRIPPER, C-1380, CO <sub>2</sub> , HEIGHT: 188 FT 2 IN, DIAMETER: 11 FT A/N: <del>457257</del> <b>523950</b>	D595				

- \* (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.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### 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	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 6 : HYDROGEN GENERATION</b>					P13.1
SCRUBBER, C-1895, CHLORIDE, HEIGHT: 25 FT; DIAMETER: 3 FT A/N: 457257 <u>523950</u>	D596				
KNOCK OUT POT, V-1365, LOW TEMPERATURE SHIFT REDUCTION, HEIGHT: 8 FT 3 IN; DIAMETER: 3 FT 6 IN A/N: 457257 <u>523950</u>	D597				
KNOCK OUT POT, V-1370, ABSORBER FEED, WITH PERIODIC VENT TO ATMOSPHERE, HEIGHT: 10 FT; DIAMETER: 5 FT 6 IN A/N: 457257 <u>523950</u>	D598				
SUMP, V-1383, POTASSIUM CARBONATE SOLUTION, WITH STEAM COIL, WIDTH: 6 FT; DEPTH: 11 FT 6 IN; LENGTH: 6 FT A/N: 457257 <u>523950</u>	D599				
VESSEL, TREATER, V-1385, ACTIVATED CARBON, HEIGHT: 13 FT; DIAMETER: 4 FT A/N: 457257 <u>523950</u>	D600				
POT, CHEMICAL INJECTION, V-1386, HEIGHT: 1 FT; DIAMETER: 8 IN A/N: 457257 <u>523950</u>	D601				
KNOCK OUT POT, V-1390, METHANATOR FEED, WITH PERIODIC VENT TO ATMOSPHERE, HEIGHT: 4 FT 6 IN; DIAMETER: 3 FT A/N: 457257 <u>523950</u>	D602				
TANK, T-1382, POTASSIUM CARBONATE SOLUTION, WITH STEAM COIL, HEIGHT: 22 FT; DIAMETER: 22 FT A/N: 457257 <u>523950</u>	D608				

- \* (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.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### 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	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 6 : HYDROGEN GENERATION</b>					P13.1
COMPRESSOR, RECIPROCATING, K-1910, HYDROGEN BOOSTER, THREE STAGE A/N: 457257 <u>523950</u>	D610				
COMPRESSOR, RECIPROCATING, K-1920, HYDROGEN BOOSTER, THREE STAGE A/N: 457257 <u>523950</u>	D611				
COMPRESSOR, RECIPROCATING, K-1930, HYDROGEN BOOSTER, THREE STAGE A/N: 457257 <u>523950</u>	D612				
FILTER, LOW TEMPERATURE SHIFT REDUCTION, K-1364 A/N: 457257 <u>523950</u>	D3370				
VESSEL, HIGH PRESSURE DEAERATOR, V-1340, HEIGHT: 25 FT; DIAMETER: 11 FT 10 IN A/N: 457257 <u>523950</u>	D3371			<u>CO: 2000</u> <u>PPMV (5)</u> <u>[RULE 407, 4-2-1982]</u>	<u>D28.4 D28.24</u>
TANK, FLASH, ATMOSPHERIC CONDENSER, V-1345, WITH PERIODIC VENT TO ATMOSPHERE, HEIGHT: 24 FT; DIAMETER: 6 FT A/N: 457257 <u>523950</u>	D3372				
DRUM, V-1371, PROCESS CONDENSATE, HEIGHT: 17 FT 6 IN; DIAMETER: 5 FT A/N: 457257 <u>523950</u>	D3373				
REACTOR, GUARD BED, R-1320A, HEIGHT: 16 FT; DIAMETER: 7 FT 6 IN A/N: 457257 <u>523950</u>	D3514				
DRUM, R-1325A, ZINC OXIDE, HEIGHT: 20 FT 4 IN; DIAMETER: 8 FT 4 IN A/N: 457257 <u>523950</u>	D3515				
DRUM, R-1325B, ZINC OXIDE, HEIGHT: 20 FT 4 IN; DIAMETER: 8 FT 4 IN A/N: 457257 <u>523950</u>	D3516				

- |  |   |
|--|---|
| * (1)(1A)(1B) Denotes RECLAIM emission factor          | (2)(2A)(2B) 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.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### 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	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 6 : HYDROGEN GENERATION</b>					P13.1
REACTOR, PRE-REFORMER, R-1330, HEIGHT: 8 FT 4 IN; DIAMETER: 9 FT 2 IN A/N: <u>457257 523950</u>	D3517				
KNOCK OUT POT, V-1300, FEED GAS, HEIGHT: 11 FT 6 IN; DIAMETER: 6 FT A/N: <u>457257 523950</u>	D3519				
KNOCK OUT POT, V-1390, METHANATOR FEED GAS, HEIGHT: 10 FT; DIAMETER: 4 FT 6 IN A/N: <u>457257 523950</u>	D3520				
COMPRESSOR, K-1300, FEED GAS, WITH DRY GAS SEAL VENTED TO A FUEL GAS SYSTEM, 4000 H.P. A/N: <u>457257 523950</u>	D3522				H23.19
COMPRESSOR, K-1940, H2 BOOSTER, 4500 H.P. DUAL PACKING RINGS WITH NITROGEN PURGE GAS VENTED TO A FUEL GAS SYSTEM A/N: <u>457257 523950</u>	D3527				H23.19
FILTER, COALESCER, J-1330, FUEL GAS A/N: <u>457257 523950</u>	D3528				
FILTER, PREFILTER, J-1331, FUEL GAS A/N: <u>457257 523950</u>	D3529				
KNOCK OUT POT, V-1386, HEIGHT: 7 FT 8 IN; DIAMETER: 8 FT 6 IN A/N: <u>457257 523950</u>	D3574				
COLUMN, C-1387, WATER WASH WITH A PACKED SECTION AND A DEMISTER, HEIGHT: 30 FT; DIAMETER: 5 FT 6 IN A/N: <u>457257 523950</u>	D3839			<b>CO: 2000</b> <b>PPMV (5)</b> <b>[RULE 407, 4-2-1982]</b>	C6.8, C8.11, D12.23, D28.24

- \* (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.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### 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	Source Type/ Monitoring Unit	Emissions And Requirements	Conditions
<b>Process 6 : HYDROGEN GENERATION</b>					P13.1
FILTER, K-1385A, CATAcarb V-1385 PREFILTER, HEIGHT: 5 FT 2 IN; DIAMETER: 1 FT A/N: 457257 <u>523950</u>	D3913				
FILTER, K-1385B, CATAcarb V-1385 PREFILTER, HEIGHT: 5 FT 2 IN; DIAMETER: 1 FT A/N: 457257 <u>523950</u>	D3914				
COOLER, E-1365, LOW TEMPERATURE SHIFT REDUCTION A/N: 457257 <u>523950</u>	D4114	D4115			<b>E336.x</b>
<b><u>FILTER, COALESCER, J-1390, METHANATOR FEED, LENGTH: 15 FT 8 IN; DIAMETER: 3 FT 6 IN</u></b> A/N: <u>523950</u>	<b><u>Dnew</u></b>				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 457257 <u>523950</u>	D3622			HAP: (10) [40 CFR 63 Subpart CC, #5A, 6-23-2003]	H23.19

- \* (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.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

#### 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

S2.1 The operator shall limit emissions from this system as follows

CONTAMINANT	EMISSIONS LIMIT
VOC less than	2.5 lb/mmscf hydrogen produced

For the purposes of this condition, the emission limit(s) shall become effective on July 1, 2003.

**[RULE 1189, 1-21-2000]**

[Systems subject to this condition: Process 6, System 4]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

**[RULE 1123, 12-7-1990]**

[Systems subject to this condition : Process 1, System 3, 5, 13, 17; Process 2, System 1, 5, 6; Process 3, System 1, 5; Process 4, System 1, 3, 5, 7, 9, 11, 13; Process 5, System 1; Process 6, System 4; Process 7, System 2, 4, 7; Process 8, System 1, 2, 5, 7, 8, 10; Process 9, System 1, 2;



**FACILITY PERMIT TO OPERATE  
CHEVRON PRODUCTS CO**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

Process 10, System 1, 4; Process 12, System 2, 4, 7, 9, 10, 11, 12, 13, 16, 17, 18, 22, 26, 27, 28; Process 20, System 3, 7, 10, 11, 12, 14, 18, 19, 23; Process 21, System 13, 14, 16, 18]

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1189

**[RULE 1189, 1-21-2000]**

[Systems subject to this condition: Process 6, System 4]

S15.7 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a vapor recovery system and/or flare system except Device IDs D15, D3195, D3199, D3200 (Process 1, System 3), D106 (Process 1, System 13), D3574, D3371, D3373, D591, D595, D597, D3372, D592, D598 & D602 (Process 6, System 4) that vent to the atmosphere.

This process/system shall not be operated unless the vapor recovery system and/or flare system is in full use and has a valid permit to receive vent gases from this system.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]**

[Systems subject to this condition: Process 1, System 3, 5, 13, 17; Process 2, System 1; Process 3, System 1, 5; Process 4, System 1, 3, 5, 7, 9, 11, 13; Process 5, System 1; Process 6, System 4; Process 7, System 4, 7; Process 8, System 1, 2, 5, 7, 8, 10; Process 9, System 1, 2; Process 10, System 1; Process 12, System 2, 7, 9, 11, 13, 17, 22, 23, 25, 26, 27; Process 20, System 18, 19; Process 21, System 18]

S15.10 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the vapor recovery system.

This process/system shall not be operated unless the vapor recovery system(s) is in full use and has a valid permit to receive vent gases from this system.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]**



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition: Process 1, System 3, 5, 13, 17; Process 2, System 1; Process 3, System 1, 5; Process 4, System 1, 3, 5, 7, 9, 11, 13; Process 5, System 1; Process 6, System 4; Process 7, System 4, 7; Process 8, System 1, 2, 5, 7, 8, 10; Process 9, System 1, 2; Process 10, System 1; Process 12, System 2, 7, 9, 11, 13, 17, 22, 23, 25, 26, 27; Process 20, System 18]

~~S15.20 The vent gases from all affected devices of this process/system shall be vented as follows:~~

~~All vent gases from the low temperature shift reduction cooler (Device D4114) during startup and planned shutdown of this process/system shall be directed to a flare system.~~

~~This process/system shall not be operated unless the flare system referred to above is in full use and has a valid permit to receive vent gases from this system.~~

~~[RULE 407, 4-2-1982]~~

~~[Systems subject to this condition: Process 6, System 4]~~

S31.12 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 358451 and 391638:

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.

Valves not commercially available include valves with sizes above 8", special alloys for sizes above 2", and special connections for sizes above 2".

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



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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.

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 6, System 4; Process 20, System 31]

### DEVICE CONDITIONS

#### C. Throughput or Operating Parameter Limits

C6.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 120 Deg F.



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To comply with this condition, the operator shall install and maintain a(n) measuring device to accurately indicate the temperature at the gas inlet to this equipment.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The continuous monitoring system shall include visual and audio alarms.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1189, 1-21-2000; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition: D3839]

C8.11 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 10 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate at the inlet of the fresh water supply to the equipment.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The continuous monitoring system shall include visual and audio alarms.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

**[RULE 1189, 1-21-2000; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition: D3839]

#### D. Monitoring/Testing Requirements

D12.23 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the column. The differential pressure measured shall not be more than 15 inches water column at all times.

**[RULE 1189, 1-21-2000; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition: D3839]

~~D28.4 The operator shall conduct source test(s) in accordance with the following specifications:~~

~~The test shall be conducted (initial source test to determine baseline emissions) prior to modification and within 90 days after the date of this permit to construct.~~

~~The test shall be conducted (performance test after modification) within 90 days after achieving maximum production rate, but not later than 180 days after initial startup.~~

~~Source test shall be conducted when this equipment is operating at 80 percent or greater of the maximum design capacity.~~

~~The test shall be conducted to determine methanol, non-methane hydrocarbons and CO emissions at the outlet of the CO<sub>2</sub> vent and at the outlet of the Deaerator vent.~~

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

~~[Devices subject to this condition: D3371]~~

D28.24 The operator shall conduct source test(s) in accordance with the following specifications:

~~The test shall be conducted (initial source test after SNR Plant modification) within 90 days after startup of this equipment.~~

~~The test shall be conducted (after the initial source test above) annually at various life of the LTS catalyst bed in the SNR Plant to determine the minimum inlet fresh water flow rate to this equipment to achieve compliance with the VOC emission limit under Rule 1189. A source test shall also be conducted within 30 days after LTS catalyst bed replacement.~~



**FACILITY PERMIT TO OPERATE  
CHEVRON PRODUCTS CO**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

The test shall be conducted to determine methanol, non-methane hydrocarbons and CO emissions at the outlet of this equipment ~~and at the outlet of the Deaerator vent.~~

Source test shall be conducted when this equipment is operating at 80 percent or greater of the maximum design capacity.

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 eConditions.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1189, 1-21-2000; RULE 407, 4-2-1982]**

[Devices subject to this condition: D3839, D3371]

**E. Equipment Operation/Construction Requirements**

**E336.x The operator shall vent the vent gases from this equipment as follows:**

**All vent gases generated during startup and planned shutdown shall be directed to the flare (Process 20, System 36).**

**All emergency vent gases may be vented to atmosphere.**

**[RULE 407, 4-2-1982]**

**[Devices subject to this condition: D4114]**

**H. Applicable Rules**

H23.19 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173
VOC	40CFR60, SUBPART	GGG

**[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008]**



## FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition: D196, D237, D633, D1047, D1048, D1049, D1054, D1929, D1930, D3522, D3527, D3580, D3583, D3585, D3587, D3589, D3613, D3622, D3636, D3638, D3652, D3653, D3675, D3803, D4353]

