



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	RECLAIM/ Source Type/ Monitoring Unit	Emissions * and Requirements	Conditions
Process 2: COKING AND RESID CONDITIONING					P13.1
System 5: COKER BLOWDOWN SYSTEM					S7.3, S13.2, S15.24, 18.12, S31.19
KNOCK OUT POT, V-509, BLOWDOWN K.O., HEIGHT: 42 FT 6 IN; DIAMETER: 12 FT A/N 413821	D193				
TANK, BLOWDOWN SETTLING, V-510, LENGTH: 40 FT ; DIAMETER: 10 FT A/N 413821	D194				
VESSEL, SOUR WATER DEGASSER, V-511, HEIGHT: 18 FT ; DIAMETER: 5 FT A/N 413821	D195				
COMPRESSOR, K-2005, COKER BLOWDOWN GAS RECOVERY, TWO-STAGE, RECIPROCATING WITH PACKED SEAL, 700-H.P. (LOCATED IN LSFO) A/N 413821	D196				E73.7, H23.19, K67.73
POT, BLOWDOWN SEPARATOR, V-514, HEIGHT: 5 FT ; DIAMETER: 1 FT 6 IN A/N 413821	D197				
TANK, EMULSION BREAKER, T-208, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N 413821	D201				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N 413821	D3581			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.3

* (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
(8) 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	RECLAIM/ Source Type/ Monitoring Unit	Emissions * and Requirements	Conditions
Process 20: AIR POLLUTION CONTROL					
System 4: ISOMAX VAPOR RECOVERY SYSTEM					S7.4, S13.2, S15.23, S15.9, S18.14
KNOCK OUT POT, V-849, HYDROCARBON RELIEF. LENGTH: 29 FT ; DIAMETER: 17 FT A/N 413820	D1750				
COMPRESSOR, K-847, 1ST STAGE, WITH INTEGRAL PULSATION DAMPENERS AND AFTERCOOLER, 100 HP. A/N 413820	D1753				E73.6, K67.73
COMPRESSOR, 2ND STAGE, K-847B, WITH INTEGRAL PULSATION DAMPENERS AND AFTERCOOLER, 100 HP. A/N 413820	D1754				E73.6, K67.73
FUGITIVE EMISSIONS, MISCELLANEOUS A/N 413820	D3676			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.19
Process 20: AIR POLLUTION CONTROL					
System 10: REFINERY BLOWDOWN GAS RECOVERY SYSTEM					S7.4, S13.2, S15.24, S15.9, S18.12
KNOCK OUT POT, V-2010, RESID STRIPPER, LENGTH: 10 FT ; DIAMETER: 7 FT 1 IN A/N 413824	D1772				
KNOCK OUT POT, V-2011, BLOWDOWN GAS, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N 413824	D1773				

* (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
** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



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	RECLAIM/ Source Type/ Monitoring Unit	Emissions * and Requirements	Conditions
KNOCK OUT POT, V-2012, RESID STRIPPER, DEHEX MERCAPTAN TAIL GASES, LENGTH: 12 FT ; DIAMETER: 3 FT 6 IN A/N 413824	D1774				
COMPRESSOR, K-2002, 2- STAGE RECIPROCATING A/N 413824	D1782				E73.7, K67.73
COMPRESSOR, K-2003, 2- STAGE RECIPROCATING A/N 413824	D1783				E73.7, K67.73
COMPRESSOR, K-2004, 2- STAGE RECIPROCATING A/N 413824	D1784				E73.7, K67.73
FUGITIVE EMISSIONS, MISCELLANEOUS A/N 413824	D3679			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.3
Process 20: AIR POLLUTION CONTROL					
System 19: WASTE GAS COMPRESSOR STATION					
					S13.2, S15.25, S15.26, S15.7
COMPRESSOR, K-450A, PACKED SEALS, MOTOR DRIVE A/N 413823	D3489				E73.8, K67.73
COMPRESSOR, K-450B, PACKED SEALS, MOTOR DRIVE A/N 413823	D3566				E73.8, K67.73
FUGITIVE EMISSIONS, MISCELLANEOUS A/N 413823	D3685				H23.3

* (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	RECLAIM/ Source Type/ Monitoring Unit	Emissions * and Requirements	Conditions
Process 20: AIR POLLUTION CONTROL					
System 28: ISOMAX RELIEF GAS RECOVERY TRAIN A					
					S15.23, S15.9, S18.14, S31.17
EDUCTOR, ME-951A, HIJET, 2 MMSCFD CAPACITY A/N 413817	D3762				E73.6, K67.73
VESSEL, V-951A, SEPARATOR, LENGTH: 24 FT ; DIAMETER: 6 FT A/N 413817	D3763				
Process 20: AIR POLLUTION CONTROL					
System 29: ISOMAX RELIEF GAS RECOVERY TRAIN B					
					S15.23, S15.9, S18.14, S31.17
EDUCTOR, ME-951B, HIJET, 2 MMSCFD CAPACITY A/N 413818	D3766				E73.6, K67.73
VESSEL, V-951B, SEPARATOR, LENGTH: 24 FT , DIAMETER: 6 FT A/N 413818	D3767				
Process 20: AIR POLLUTION CONTROL					
System 30: ISOMAX RELIEF GAS RECOVERY TRAIN C					
					S15.23, S15.9, S18.14, S31.17
EDUCTOR, ME-951C, HIJET, 2 MMSCFD CAPACITY A/N 413819	D3770				E73.6, K67.73
VESSEL, V-951C, SEPARATOR, LENGTH: 24 FT ; DIAMETER: 6 FT A/N 413819	D3771				

* (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
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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/ Monitoring Unit	Emissions * and Requirements	Conditions
Process 20: AIR POLLUTION CONTROL					
System 34: FCCU VAPOR RECOVERY SYSTEM					\$15.27, \$16.13
KNOCK OUT POT, V-301, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N 414104	D1742				
KNOCK OUT POT, V-302, COMPRESSOR SUCTION, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N 414104	D1743				
KNOCK OUT POT, V-305, HEIGHT: 33 FT ; DIAMETER: 12 FT A/N 414104	D1744				
ACCUMULATOR, DRAINAGE V-308, HEIGHT: 6 FT. 6 IN; DIAMETER: 2 FT A/N 414104	D1745				
COMPRESSOR, VAPOR, K-302, RECIPROCATING, 60-H.P. A/N 414104	D1747				E73.9, K67.73
COMPRESSOR, VAPOR, K-301, RECIPROCATING, 60-H.P. A/N 414104	D1748				E73.9, K67.73
COMPRESSOR, RELIEF GAS, K-201A, RECIPROCATING, 125-H.P. A/N 452504	D1815				E73.9, K67.73

* (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
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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/ Monitoring Unit	Emissions * and Requirements	Conditions
Process 20: AIR POLLUTION CONTROL					
System 34: FCCU VAPOR RECOVERY SYSTEM					
COMPRESSOR, RELIEF GAS, K-201B, RECIPROCATING, 125-H.P. A/N 452504	D1816				E73.9, K67.73
KNOCK OUT POT, V-212, ARU RELIEF, LENGTH: 20 FT ; DIAMETER: 10 FT A/N 452504	D1819				

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PROCESS CONDITIONS

- * (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:

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

S7.3 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Final Environmental Impact Report dated 09-August-2006 for this facility.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 1, System 5; Process 2, System 1, 3, 5, 7; Process 10, System 1; Process 12, System 26, 27; Process 15, System 1, 2, 4; Process 20, System 12]

S7.4 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Final Environmental Impact Report dated 09-May-2008 for this facility.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the applicable measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document.

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 3, System 1; Process 7, System 4; Process 12, System 28; Process 13, System 10, 11, 12, 13; Process 20, System 4, 7, 10, 31]

* (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

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



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:

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; 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, 4, 7, 10, 11, 12, 14, 18, 19, 23; Process 21, System 13, 14, 16, 18]

~~S15.5 The vent gases from all affected devices of this process/system shall be vented as follows:~~

~~All emergency vent gases from the vapor recovery system shall be directed to the flare system.~~

~~This process/system shall not be operated unless the flare(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]**~~

~~[Systems subject to this condition : Process 2, System 5; Process 8, System 9; Process 20, System 4, 10, 28, 29, 30, 34, 37]~~

S15.23 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gas not vented to the vapor recovery system [consisting of all the compressor and eductors in Process 20, System 4 (D1753/D1754) and Process 20, Systems 28, 29 & 30 (D3762, D3766 and D3770) operated concurrently] shall be directed to a flare system.

This process/system shall not be operated unless the flare(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; RULE 1118, 02-13-1998; RULE 1118, 11-04-05]

[Systems subject to this condition : Process 20, System 4, 28, 29, 30]

S15.24 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gas not vented to the vapor recovery system [consisting of all the compressors in Process 2, System 5 (D196) and Process 20, System 10 (D1782, D1783 and D1784) operated concurrently] shall be directed to a flare system.

* (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 NGR 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:

This process/system shall not be operated unless the flare(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; RULE 1118, 02-13-1998; RULE 1118, 11-04-05]

[Systems subject to this condition : Process 2, System 5; Process 20, System 10]

S15.25 The vent gases from all affected devices of this process/system shall be vented as follows:

All waste gases recovered by the vapor recovery system [consisting of all the compressors in Process 20, System 19 (D3489 and D3566) operated independently or concurrently] shall be directed to a gas treating system.

This process/system shall not be operated unless the gas treating 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 20, System 19]

S15.26 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases from the process system shall be directed to the vapor recovery system.

This process/system shall not be operated unless the vapor recovery 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 20, System 19]

S15.27 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gas not vented to the vapor recovery system [consisting of all the compressor in Process 20, System 34 (D1747, D1748, D1815 and D1816) operated concurrently] shall be directed to a flare system.

This process/system shall not be operated unless the flare(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; RULE 1118, 02-13-1998; RULE 1118, 11-04-05]

[Systems subject to this condition : Process 20, System 34]

* (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

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



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:

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 Devices 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 4, 10, 28, 29, 30, 37]

S15.9 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the sour gas treating unit(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]

[Systems subject to this condition : Process 1, System 3, 5, 13; Process 2, System 1; Process 3, System 1; Process 4, System 1, 3, 7, 9, 11, 13; Process 7, System 4; Process 8, System 1; Process 10, System 1; Process 12, System 7; Process 20, System 4, 10, 28, 29, 30, 37]

S18.12 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Crude Distillation (Process: 1, System: 3, 5 & 13)

Coking & Residual Conditioning (Process: 2, System: 1)

Hydrotreating (Process: 4, System: 1, 9, 11 & 13)

Hydrogen Generation (Process: 6, System: 4)

Alkylation (Process: 8, System: 2 & 5)

Coker Depropanizer (Process: 10, System: 1)

* (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

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



**FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Treating and Stripping (Process: 12, System: 26, 27 & 28)

Sulfur Production (Process: 13, System: 10 & 11)

Air Pollution Control (Process: 20, System: 18 & 19)

Waste Gas Compressor Station (Process: 20, System: 19)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Systems subject to this condition : Process 2, System 5; Process 20, System 10]

S18.13 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FCCU (Process: 3, System: 1 & 5)

Alkylation (Process: 8, System: 8)

Oxygenates Production (Process: 9, System: 2)

Treating and Stripping (Process: 12, System: 17)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Systems subject to this condition : Process 20, System 34]

S18.14 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Crude Distillation (Process: 1, System: 17)

Hydrotreating (Process: 4, System: 3 & 5)

Catalytic Reforming (Process: 5, System: 1)

Air Liquide Hydrogen Plant (ID 148236) (Process: N/A, System: N/A)

Hydrocracking (Process: 7, System: 4 & 7)

Oxygenates Production (Process: 9, System: 1)

Treating and Stripping Process (Process: 12, System: 10, 12 & 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:

LPG Loading/Unloading (Process: 14, System: 5)
LPG/Pentane Loading and Unloading (Process: 14, System: 28)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Systems subject to this condition : Process 20, System 4 , 28 , 29 , 30 , 37]

S31.17 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 388982, 391052, 391053 and 457074:

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 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.

* (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

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



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:

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

[Systems subject to this condition : Process 20, System 28 , 29 , 30]

S31.19 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 448244 and 458897:

All sampling connections shall be closed-purge, closed loop, or closed-vent systems.

All new valves in VOC service shall be leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, 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.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellows or equivalent approved in writing by the District prior to installation.

All new components in VOC service as defined by 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. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The following leaks shall be repaired within 7 calendar days -- all light liquid/gas/vapor components leaking at a rate of 500 to 10,000 ppm, heavy liquid components leaking at a rate of 100 to 500 ppm and greater than 3 drops/minute, unless otherwise extended as allowed under Rule 1173.

The following leaks shall be repaired within 2 calendar days -- any leak between 10,000 to 25,000 ppm, any atmospheric PFD leaking at a rate of 200 to 25,000 ppm, unless otherwise extended as allowed under Rule 1173. The following leaks shall be repaired within 1 calendar day -- any leak greater than 25,000 ppm, heavy liquid leak greater than 500 ppm, or light liquid leak greater than 3 drops per minute.

If 98.0 percent or greater of the new valve 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 revert to a quarterly inspection program with the approval of the Executive Officer. This condition shall not apply to leakless valves.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new valves and the new flange population inspected are found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv. This condition shall not apply to leakless valves.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

* (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

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

(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



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 operator shall provide to the District, prior to initial startup, a list of all non-leakless type valves that were installed. The list shall include the tag numbers for the valves and reasons why leakless valves were not used. The operator shall not startup the equipment prior to the Districts approval for the use of all non-leakless valves.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets or field inspection surveys for all non-leakless type valves with a listing of tag numbers and reasons why leakless valves were not used.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Systems subject to this condition : Process 2, System 1 , 5]

DEVICE CONDITIONS

E. Equipment Operation/Construction Requirements

E73.6 Notwithstanding the requirements of Sec E conditions, the operator may, at his discretion, choose not to operate all the compressor and eductors in Process 20, System 4 (D1753/D1754) and Process 20, Systems 28/29/30 (D3762, D3766 and D3770) simultaneously, provided that the unit(s) being operated has (have) sufficient capacity to recover all vent gases that may go to the Isomax Flare (C1749) or the Coker Flare (C1785) under normal operating conditions.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1118, 02-13-1998;
RULE 1118, 11-04-05]
[Devices subject to this condition : D1753, D1754, D3762, D3766 & D3770]

E73.7 Notwithstanding the requirements of Sec E conditions, the operator may, at his discretion, choose not to operate all the compressors in Process 2, System 5 (D196) and Process 20, System 10 (D1782, D1783 and D1784) simultaneously, provided that the unit(s) being operated has (have) sufficient capacity to recover all vent gases that may go to the LSFO Flare (C1757), the FCC Flare (C1746), or Alky Flare (C3012), under normal operating conditions.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1118, 02-13-1998;
RULE 1118, 11-04-05]
[Devices subject to this condition : D196, D1782, D1783 & D1784]

* (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:

E73.8 Notwithstanding the requirements of Sec E conditions, the operator may, at his discretion, choose not to operate all the compressors in Process 20, System 19 (D3489 and D3566) simultaneously, provided that the unit(s) being operated has (have) sufficient capacity to recover all process waste gases under normal operating conditions. Under this condition, no waste gas shall bypass the said compressor(s) during operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]
[Devices subject to this condition : D3489 & D3566]

E73.9 Notwithstanding the requirements of Sec E conditions, the operator may, at his discretion, choose not to operate all the compressors in Process 20, System 34 (D1747, D1748, D1815 and D1816) simultaneously, provided that the unit(s) being operated has (have) sufficient capacity to recover all vent gases that may go to the FCC Flare (C1746), the LSFO Flare (C1757), or the Alky Flare C3012, under normal operating conditions.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1118, 02-13-1998;
RULE 1118, 11-04-05]
[Devices subject to this condition : D1747, D1748, D1815 & D1816]

H. Applicable Rules

H23.3 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, 12-6-2002]
[Devices subject to this condition : D3659, D3671, D3672, D3673, D3687, D3688, D3921, D3581, D3685, D3679]

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, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]
[Devices subject to this condition : D3579, D3583, D3613, D3622, D3634, D3636, D3637, D3638, D3639, D3686, D3911, D3912, D3969, D3676]

K. Record Keeping/Reporting

* (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
** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device

(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



**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:

K67.73 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or items(s):

Date and duration of events when there is flaring of vent gases greater than 5,000 standard cubic feet from this vapor recovery system or compressor(s).

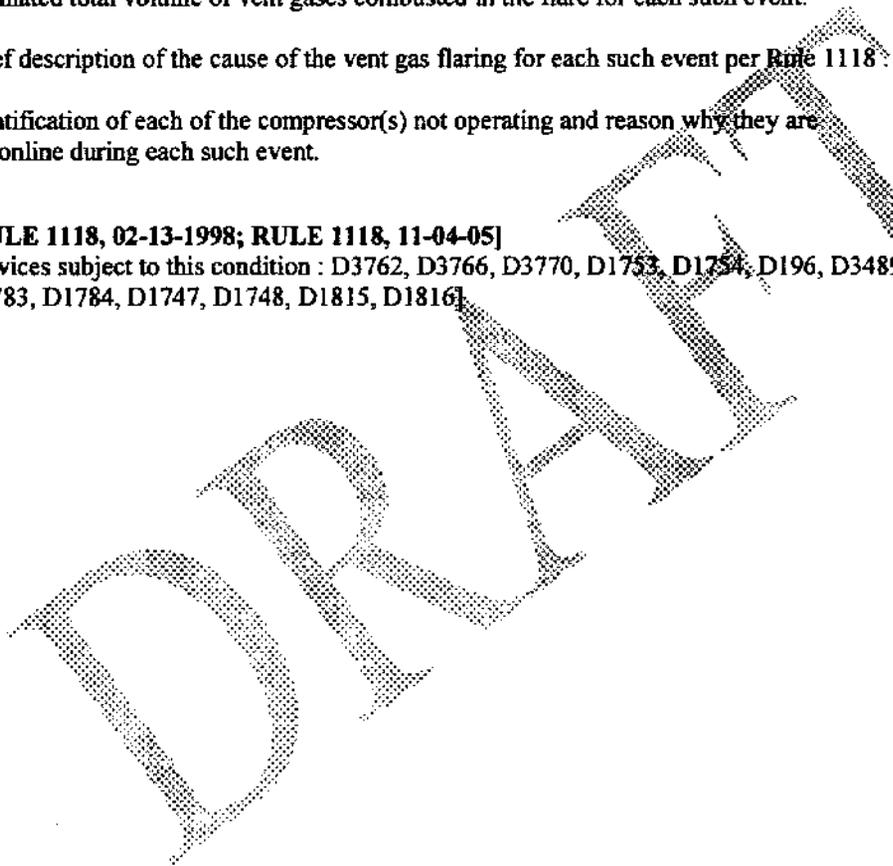
Estimated total volume of vent gases combusted in the flare for each such event.

Brief description of the cause of the vent gas flaring for each such event per Rule 1118.

Identification of each of the compressor(s) not operating and reason why they are not online during each such event.

[RULE 1118, 02-13-1998; RULE 1118, 11-04-05]

[Devices subject to this condition : D3762, D3766, D3770, D1753, D1754, D196, D3489, D3566, D1782, D1783, D1784, D1747, D1748, D1815, D1816]



* (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.