

FACILITY PERMIT TO OPERATE

**CONOCOPHILLIPS COMPANY
1520 E SEPULVEDA BLVD
CARSON, CA 90745**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	10	04/14/2010
B	RECLAIM Annual Emission Allocation	21	01/01/2010
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	19	04/14/2010
E	Administrative Conditions	9	11/07/2008
F	RECLAIM Monitoring and Source Testing Requirements	8	11/07/2008
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	8	11/07/2008
H	Permit To Construct and Temporary Permit to Operate	31	04/14/2010
I	Compliance Plans & Schedules	9	04/14/2010
J	Air Toxics	6	06/12/2009
K	Title V Administration	6	06/12/2009
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	7	11/07/2008
B	Rule Emission Limits	5	11/07/2008

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: CONOCOPHILLIPS COMPANY

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1520 E SEPULVEDA BLVD
 CARSON, CA 90745

MAILING ADDRESS: 1660 W ANAHEIM ST
 WILMINGTON, CA 90744

RESPONSIBLE OFFICIAL: CHRIS R. CHANDLER

TITLE: MANAGER, LOS ANGELES REFINERY

TELEPHONE NUMBER: (310) 952-6001

CONTACT PERSON: KRISTIN WISDOM

TITLE: SUPERINTENDENT OF ENV. AFFAIRS

TELEPHONE NUMBER: (310) 952-6120

TITLE V PERMIT ISSUED: November 07, 2008

TITLE V PERMIT EXPIRATION DATE: November 06, 2013

TITLE V	RECLAIM
YES	NOx: YES SOx: YES CYCLE: 1 ZONE: COASTAL

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 1: CRUDE DISTILLATION					P13.2
System 1: CRUDE DISTILLATION UNIT					S13.5, S15.1, S15.3, S15.4, S15.11, S31.4
TANK, FLASH, DU-1, SPENT SODA, HEIGHT: 53 FT 6 IN; DIAMETER: 3 FT A/N: 471540	D1				
COLUMN, PRIMARY, DU-3, CRUDE OIL, HEIGHT: 112 FT ; DIAMETER: 12 FT A/N: 471540	D2				
COLUMN, FIRST SIDE CUT STRIPPER, DU-4, HEIGHT: 47 FT ; DIAMETER: 5 FT A/N: 471540	D3				
COLUMN, SECONDARY, DU-5, CRUDE OIL, HEIGHT: 174 FT 6 IN; DIAMETER: 16 FT A/N: 471540	D4				
COLUMN, 2ND & 3RD SIDE CUT STRIPPERS, DU-6, HEIGHT: 40 FT 6 IN; DIAMETER: 5 FT A/N: 471540	D5				
ACCUMULATOR, V-2142, PRIMARY COLUMN OVERHEAD, HEIGHT: 23 FT 10 IN; DIAMETER: 5 FT 6 IN A/N: 471540	D6				
VESSEL, TREATER, 1ST STAGE SODA, V-2147, PRIMARY COLUMN OVERHEAD, HEIGHT: 29 FT ; DIAMETER: 6 FT A/N: 471540	D8				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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Process 1: CRUDE DISTILLATION					P13.2
ACCUMULATOR, V-3043, SECONDARY COLUMN OVERHEAD, HEIGHT: 30 FT ; DIAMETER: 9 FT 6 IN A/N: 471540	D9				
VESSEL, SWEETNER, V-2197, PRIMARY COLUMN TOPS, HEIGHT: 19 FT ; DIAMETER: 7 FT 6 IN A/N: 471540	D11				
VESSEL, SEPARATOR, SECONDARY COLUMN THIRD STAGE, V-3047, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 471540	D16				
VESSEL, SEPARATOR, SECONDARY COLUMN SECOND STAGE, V-3046B, HEIGHT: 7 FT ; DIAMETER: 4 FT A/N: 471540	D953				
VESSEL, SEPARATOR, SECONDARY COLUMN FIRST STAGE, V-3045B, HEIGHT: 7 FT 9 IN; DIAMETER: 4 FT 6 IN A/N: 471540	D954				
VESSEL, SEPARATOR, SECONDARY COLUMN FIRST STAGE, V-3044B, HEIGHT: 7 FT 9 IN; DIAMETER: 4 FT 6 IN A/N: 471540	D955				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 471540	D832			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 2: CRUDE DISTILLATION UNIT HEATERS					

* (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

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Process 1: CRUDE DISTILLATION					P13.2
HEATER, CRUDE OIL, NO. 255, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 350 MMBTU/HR WITH A/N:	D59		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 10.4 LBS/HR (5) [RULE 1303(b)(2)-Offset, 5-10-1996; <i>RULE 1303(b)(2)-Offset,</i> <i>12-6-2002</i>]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 5.44 LBS/HR (5) [RULE 1303(b) (2)-Offset, 5-10-1996; <i>RULE</i> <i>1303(b)(2)-Offset, 12-6-2002</i>]; ROG: 1.81 LBS/HR (5A) [RULE 1303(b)(2)-Offset, 5-10-1996; <i>RULE 1303(b)(2)-Offset,</i> <i>12-6-2002</i>]	B61.1, C1.5, D29.2, D90.6, D328.1, H23.6
System 4: VACUUM FLASH UNIT					S13.5, S15.2, S15.3, S15.4, S15.11, S31.3
TANK, SURGE, V-2250, SR RESIDUE, WITH NATURAL GAS BLANKETING, HEIGHT: 27 FT 6 IN; DIAMETER: 16 FT 3 IN A/N:	D64				
ACCUMULATOR, V-2251, FLASHER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 9 FT A/N:	D65				H23.10

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|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
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Process 1: CRUDE DISTILLATION					P13.2
KNOCK OUT POT, STEAM AIR DECOKING QUENCH, V-2253, HEIGHT: 7 FT 8 IN; DIAMETER: 4 FT A/N:	D66				
COLUMN, FLASHER, FR-1, HEIGHT: 127 FT ; DIAMETER: 23 FT 6 IN A/N:	D69				
SCRUBBER, DEA, FR-2, VENT GAS A/N:	D70				
COMPRESSOR, FR-501, VENT GAS A/N:	D77				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D835			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 5: VACUUM FLASH UNIT HEATERS					
HEATER, NO. 33, VACUUM FLASHER, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 153.6 MMBTU/HR WITH A/N: 445828 BURNER, REFINERY/NATURAL GAS, JOHN ZINK, MODEL PSMR-14, WITH LOW NOX BURNER, 32 TOTAL	D78		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, D28.16, D90.6, D232.1, H23.6

* (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.)
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Process 1: CRUDE DISTILLATION					P13.2
HEATER, NO. 34, VACUUM FLASHER, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 153.6 MMBTU/HR WITH A/N: 445829 BURNER, REFINERY/NATURAL GAS, JOHN ZINK, MODEL PSMR-14, WITH LOW NOX BURNER, 32 TOTAL	D79		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, D28.16, D90.6, D232.1, H23.6
System 8: CRUDE UNIT FEED DESALTER					S13.5, S15.1, S15.3, S15.4, S15.11
VESSEL, DESALTER, V-2171, CRUDE OIL, LENGTH: 49 FT ; DIAMETER: 12 FT A/N: 486779	D10				
VESSEL, DESALTER, V-2342, CRUDE OIL, LENGTH: 49 FT ; DIAMETER: 12 FT A/N: 486779	D12				
VESSEL, DESALTER, V-3048, CRUDE OIL, LENGTH: 55 FT ; DIAMETER: 12 FT A/N: 486779	D17				
TANK, SURGE, V-2419, BRINE, HEIGHT: 10 FT 1 IN; DIAMETER: 6 FT 6 IN A/N: 486779	D55				
VESSEL, DESALTER, V-3148, CRUDE OIL, LENGTH: 73 FT ; DIAMETER: 12 FT A/N: 486779	D823				

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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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Process 1: CRUDE DISTILLATION					P13.2
VESSEL, DESALTER, V-3149, CRUDE OIL, LENGTH: 73 FT ; DIAMETER: 12 FT A/N: 486779	D824				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 486779	D957			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
Process 2: COKING AND RESIDUAL CONDITIONING					P13.2
System 1: DELAYED COKING UNIT					S13.5, S15.4, S31.3
FRACTIONATOR, MAIN, CK-1, HEIGHT: 149 FT ; DIAMETER: 15 FT 6 IN A/N: 464152	D80				
COLUMN, STRIPPER, CK-2, EXTRA HEAVY GAS OIL, HEIGHT: 25 FT 6 IN; DIAMETER: 3 FT A/N: 464152	D81				
COLUMN, STRIPPER, CK-3, HEAVY GAS OIL, HEIGHT: 43 FT ; DIAMETER: 5 FT A/N: 464152	D82				
COLUMN, STRIPPER, CK-4, LIGHT GAS OIL, HEIGHT: 43 FT ; DIAMETER: 4 FT 6 IN A/N: 464152	D83				
ACCUMULATOR, V-2247, MAIN FRACTIONATOR OVERHEAD, HEIGHT: 22 FT ; DIAMETER: 12 FT A/N: 464152	D84				

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.2
ACCUMULATOR, V-2248, MAIN FRACTIONATOR OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 9 FT A/N: 464152	D85				
DRUM, COKE, V-2236, HEIGHT: 75 FT ; DIAMETER: 26 FT A/N: 464152	D796			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, COKE, V-2237, HEIGHT: 75 FT ; DIAMETER: 26 FT A/N: 464152	D797			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, COKE, V-2238, HEIGHT: 75 FT ; DIAMETER: 26 FT A/N: 464152	D798			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, COKE, V-2239, HEIGHT: 75 FT ; DIAMETER: 26 FT A/N: 464152	D799			PM: (9) [RULE 405, 2-7-1986]	D323.2
ABSORBER, RECTIFIED, CK-5, HEIGHT: 159 FT 6 IN; DIAMETER: 7 FT A/N: 464152	D95				
COLUMN, SPONGE, CK-6, HEIGHT: 42 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 464152	D96				
COLUMN, DEBUTANIZER, CK-7, HEIGHT: 136 FT 6 IN; DIAMETER: 8 FT A/N: 464152	D97				
SETTLING TANK, V-2245, DEBUTANIZER OVERHEAD, LENGTH: 7 FT ; DIAMETER: 5 FT A/N: 464152	D99				
COMPRESSOR, CK-501, WET GAS A/N: 464152	D103				

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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
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Process 2: COKING AND RESIDUAL CONDITIONING					P13.2
KNOCK OUT POT, V-3122, HEIGHT: 8 FT 4 IN; DIAMETER: 3 FT A/N: 464152	D758				
KNOCK OUT POT, V-3172, WET GAS COMPRESSOR DISCHARGE, HEIGHT: 8 FT 6 IN; DIAMETER: 5 FT A/N: 464152	D943				
STORAGE TANK, FIXED ROOF, NO. 2230, AMMONIUM POLYSULFIDE, 20000 GALS; DIAMETER: 15 FT ; HEIGHT: 18 FT A/N: 464152	D86				E134.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 464152	D838			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.36
System 2: DELAYED COKING UNIT HEATERS					
HEATER, NO. 31, DELAYED COKING, C3/C4 MEROX OFF GAS, REFINERY/NATURAL GAS, WITH STEAM INJECTION, WITH LOW NOX BURNER, 175 MMBTU/HR WITH A/N: 445831 BURNER, C3/C4 MEROX OFF GAS, REFINERY/NATURAL GAS, JOHN ZINK, MODEL PSMR-15, 5.47 MMBTU/HR EACH, WITH LOW NOX BURNER, 32 TOTAL	D104		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, C1.13, D28.16, D82.1, D90.6, D232.1, H23.27

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- (7) Denotes NSR applicability limit
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Process 2: COKING AND RESIDUAL CONDITIONING					P13.2
HEATER, NO. 32, DELAYED COKING, C3/C4 MEROX OFF GAS, REFINERY/NATURAL GAS, WITH STEAM INJECTION, WITH LOW NOX BURNER, 175 MMBTU/HR WITH A/N: 445832 BURNER, C3/C4 MEROX OFF GAS, REFINERY/NATURAL GAS, JOHN ZINK, MODEL PSMR-15, 5.47 MMBTU/HR EACH, WITH LOW NOX BURNER, 32 TOTAL	D105		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A26.1, B61.1, C1.13, D28.16, D82.1, D90.6, D232.1, H23.27
System 3: COKER BLOWDOWN					S13.5, S15.3, S15.4, S15.11
VESSEL, QUENCH, QU-1, HEIGHT: 70 FT ; DIAMETER: 13 FT 6 IN A/N: 325625	D106				
SETTLING TANK, V-2259, HEIGHT: 19 FT ; DIAMETER: 14 FT 6 IN A/N: 325625	D107				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325625	D841			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1, H23.22
System 4: COKE HANDLING UNIT #1					S13.1
PIT, ONE COMPARTMENT, SLURRY, NOMINAL CAPACITY 200 TONS, COKE A/N: 407450	D952			PM10: (9) [RULE 405, 2-7-1986]	A63.2
MIXER, 5K-2339, COKE FINES, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 407450	D108			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.2
CONVEYOR, CH-452, COKE FINES A/N: 407450	D109			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
CONVEYOR, 9T-16, COARSE COKE, SHUTTLE-TYPE A/N: 407450	D110			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
CONVEYOR, 9T-17, COKE FINES, ENCLOSED IN A 9-FT STEEL TUBE A/N: 407450	D111			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
CONVEYOR, SHUTTLE, 9T-18, COKE FINES A/N: 407450	D112			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
STORAGE SILO, COKE, NOMINAL CAPACITY: 72,000 TONS, WIDTH: 154 FT ; HEIGHT: 175 FT ; LENGTH: 600 FT A/N: 407450	D113			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E136.1, E137.1
PIT, TWO COMPARTMENT, SLURRY, NOMINAL CAPACITY: 2,800 TONS, COKE A/N: 407450	D114			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1
CONVEYOR, 9T-15, COARSE COKE, ENCLOSED IN A 9-FT STEEL TUBE A/N: 407450	D115			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
System 5: COKE HANDLING UNIT #2					S13.1
FEEDER, PLOW, PFA-1, COARSE COKE A/N: 472818	D116			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
FEEDER, PLOW, PFA-2, COKE FINES A/N: 472818	D117			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 RESIDUAL CONDITIONING					P13.2
CONVEYOR, 9T-19, RECLAIM COKE, ENCLOSED A/N: 472818	D118			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
CONVEYOR, 9T-20, COKE, ENCLOSED IN A 9-FT STEEL TUBE A/N: 472818	D119			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
CONVEYOR, 9T-21, COKE, ENCLOSED IN A 9-FT STEEL TUBE A/N: 472818	D120			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
HOPPER, SURGE, TK-1631, COKE A/N: 472818	D123			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1
BIN, WEIGH, WB-1, WITH WEIGH SCALES A/N: 472818	D124			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1, E125.1
BIN, WEIGH, WB-2, WITH WEIGH SCALES A/N: 472818	D125			PM: (9) [RULE 405, 2-7-1986]	A63.2, D323.1, E124.1, E125.1
TRUCK WASHING STATION, TOP AND SIDES FIXED SPRAY TYPE A/N: 472818	D126			PM: (9) [RULE 405, 2-7-1986]	A63.2, A103.1, D323.1, E125.1
Process 3: HYDROTREATING					P13.2
System 1: FCC FEED (GAS OIL) HYDRODESULFURIZATION UNIT DHT-3					S13.5, S15.2, S15.3, S15.4, S15.11, S31.5
COLUMN, PRODUCT STRIPPER, DH-280, HEIGHT: 60 FT ; DIAMETER: 6 FT 6 IN A/N:	D127				

- * (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
ABSORBER, DEA, HP-275, HEIGHT: 80 FT ; DIAMETER: 5 FT 7 IN A/N:	D128				
ABSORBER, DEA, HP-276, HEIGHT: 25 FT ; DIAMETER: 2 FT A/N:	D129				
TANK, SURGE, V-1084, WASH WATER, HEIGHT: 12 FT ; DIAMETER: 5 FT 6 IN A/N:	D130				
TANK, SURGE, V-2522, RECYCLE GAS, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N:	D131				
TANK, SURGE, V-2555, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N:	D136				
REACTOR, NO.1, V-2556, HEIGHT: 14 FT ; DIAMETER: 10 FT A/N:	D137				
REACTOR, NO. 2, V-2557, HEIGHT: 14 FT ; DIAMETER: 10 FT A/N:	D138				
REACTOR, NO. 3, V-2558, HEIGHT: 24 FT ; DIAMETER: 10 FT A/N:	D139				
REACTOR, NO. 4, V-2559, HEIGHT: 34 FT ; DIAMETER: 10 FT A/N:	D140				
REACTOR, NO. 5, V-2560, HEIGHT: 44 FT ; DIAMETER: 10 FT A/N:	D141				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 3: HYDROTREATING					P13.2
VESSEL, SEPARATOR, HIGH PRESSURE AND HIGH TEMPERATURE, V-2561, HEIGHT: 30 FT ; DIAMETER: 9 FT A/N:	D142				
VESSEL, SEPARATOR, LOW PRESSURE AND HIGH TEMPERATURE, V-2562, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N:	D143				
VESSEL, SEPARATOR, HIGH PRESSURE AND LOW TEMPERATURE, V-2563, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N:	D144				
VESSEL, SEPARATOR, LOW PRESSURE AND LOW TEMPERATURE, V-2564, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N:	D145				
ACCUMULATOR, V-2565, STRIPPER OVERHEAD, HEIGHT: 30 FT ; DIAMETER: 6 FT A/N:	D146				
KNOCK OUT POT, DECOKING, V-2569, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N:	D148				
COMPRESSOR, HP-559, STRIPPER VENT GAS A/N:	D169				

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 3: HYDROTREATING					P13.2
COMPRESSOR, HP-560, STRIPPER VENT GAS A/N:	D170				
COMPRESSOR, HP-558, RECYCLE GAS A/N:	D800				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D842			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 2: FCC FEED (GAS OIL) HYDRODESULFURIZATION UNIT DHT-3 HEATER					
HEATER, DH-40 (DHT-3), FEED, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 70 MMBTU/HR WITH A/N: 325643 BURNER, 5 BURNERS, REFINERY/NATURAL GAS, COEN, MODEL SR6-030-FD-6, MODEL SR6-050-FD-6, WITH LOW NOX BURNER	D174		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, D90.6, D328.1, H23.6
Process 4: HYDROGEN PRODUCTION					P13.2
System 1: HYDROGEN PLANT					S2.1, S13.4, S13.5, S15.2, S15.3, S15.11
ABSORBER, CARBON DIOXIDE, HP-270, HEIGHT: 179 FT 3 IN; DIAMETER: 5 FT 6 IN A/N: 379205	D175			CO: 2000 PPMV (5) [RULE 407, 4-2-1982]	H23.28
COLUMN, CARBON DIOXIDE STRIPPER, HP-271, HEIGHT: 108 FT 6 IN; DIAMETER: 10 FT A/N: 379205	D176			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.28

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| <p>* (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</p> | <p>(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</p> |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: HYDROGEN PRODUCTION					P13.2
COLUMN, DEA TREATMENT, HP-273, HEIGHT: 92 FT 6 IN; DIAMETER: 4 FT A/N: 379205	D177				
TANK, HOLDING, TK-1625, SELEXOL, 715 BBL; DIAMETER: 15 FT ; HEIGHT: 24 FT A/N: 379205	D178				
SUMP, S-23, ATMOSPHERIC BLOWDOWN, ENCLOSED, WIDTH: 6 FT ; DEPTH: 8 FT ; LENGTH: 6 FT A/N: 379205	D179				H23.28
SUMP, S-28, DEA, ENCLOSED, WIDTH: 6 FT ; DEPTH: 6 FT ; LENGTH: 6 FT A/N: 379205	D180			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
KNOCK OUT POT, V-2500, FEED GAS, HEIGHT: 6 FT ; DIAMETER: 3 FT 6 IN A/N: 379205	D181				
VESSEL, SULFUR CONVERTER, V-2503, HEIGHT: 10 FT 9 IN; DIAMETER: 7 FT 6 IN A/N: 379205	D801				
VESSEL, SEPARATOR, V-2501, FEED GAS OIL, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D182				
VESSEL, SEPARATOR, V-2502, FEED GAS OIL, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D183				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: HYDROGEN PRODUCTION					P13.2
REACTOR, ZNO GUARD BED, V-2504, HEIGHT: 12 FT ; DIAMETER: 8 FT A/N: 379205	D184				
REACTOR, ZNO GUARD BED, V-2505, HEIGHT: 12 FT ; DIAMETER: 8 FT A/N: 379205	D185				
KNOCK OUT POT, LOW TEMPERATURE SEPARATOR, V-2511, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D186				
KNOCK OUT POT, LOW TEMPERATURE SEPARATOR, V-2512, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D187			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
KNOCK OUT POT, TWO STAGE EFFLUENT, V-2513, HEIGHT: 24 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 379205	D188			CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.28
KNOCK OUT POT, V-2519, PRODUCT HYDROGEN, HEIGHT: 6 FT ; DIAMETER: 6 FT A/N: 379205	D190				
KNOCK OUT POT, V-2520, FEED GAS, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D191				
KNOCK OUT POT, V-2521, COKER FEED GAS A/N: 379205	D192				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: HYDROGEN PRODUCTION					P13.2
KNOCK OUT POT, ATMOSPHERIC, V-2529, CONDENSATE, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 379205	D193				
TANK, LOW PRESSURE FLASH, V-3062, HEIGHT: 28 FT ; DIAMETER: 7 FT A/N: 379205	D194			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.28
SUMP, SELEXOL DRAIN, ENCLOSED, WIDTH: 6 FT ; DEPTH: 6 FT ; LENGTH: 6 FT A/N: 379205	D201			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
VESSEL, LOW TEMPERATURE SHIFT CONVERTER, V-2509, HEIGHT: 12 FT 6 IN; DIAMETER: 10 FT 6 IN A/N: 379205	D202			CO: 2000 PPMV (5) [RULE 407, 4-2-1982]	H23.28
TANK, FLASH, V-2517, SELEXOL, LENGTH: 28 FT ; DIAMETER: 7 FT A/N: 379205	D802				
VESSEL, METHANATOR, V-2518, HEIGHT: 21 FT ; DIAMETER: 4 FT 6 IN A/N: 379205	D203				
COMPRESSOR, SINGLE STAGE, HP-555, FEED GAS A/N: 379205	D206				
COMPRESSOR, SINGLE STAGE, HP-556, FEED GAS, (STANDBY) A/N: 379205	D207				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 379205	D846				H23.1

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|---|---|
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 (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</p> | <p>(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</p> |
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: HYDROGEN PRODUCTION					P13.2
VESSEL, DEARATOR, V-2515, HEIGHT: 4 FT 6 IN; DIAMETER: 6 FT A/N: 379205	D896			CO: 2000 PPMV (5) [RULE 407, 4-2-1982]	H23.28
System 2: HYDROGEN PLANT HEATER					
HEATER, STEAM REFORMING, HP-38, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 340 MMBTU/HR WITH A/N: BURNER, 128 BURNERS, REFINERY/NATURAL GAS, JOHN ZINK, MODEL PLNFC-30, WITH LOW NOX BURNER	D210		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.1, B61.1, D90.6, D328.1, H23.6
Process 5: GAS PRODUCTION					P13.2
System 1: DEBUTANIZER UNIT					S13.5
COLUMN, DEBUTANIZER, DU-2, HEIGHT: 81 FT ; DIAMETER: 6 FT 6 IN A/N: 325659	D803				
ACCUMULATOR, V-2139, DEBUTANIZER OVERHEAD, HEIGHT: 23 FT ; DIAMETER: 5 FT A/N: 325659	D211				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325659	D848			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1, H23.22
System 2: GAS PLANT					S13.5, S15.3, S15.11

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 (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: GAS PRODUCTION					P13.2
DRUM, V-2297, FUEL GAS BLEND, HEIGHT: 18 FT 8 IN; DIAMETER: 10 FT A/N: 325662	D216				
KNOCK OUT POT, V-2128, GAS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 325662	D217				
VESSEL, VAPORIZER, V-2108, PROPANE, LENGTH: 74 FT 7 IN; DIAMETER: 10 FT 9 IN A/N: 325662	D219				
VESSEL, VAPORIZER, V-2445, PROPANE, LENGTH: 74 FT 7 IN; DIAMETER: 10 FT 9 IN A/N: 325662	D220				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325662	D849				H23.1
System 3: LPG DISTILLATION UNIT					S13.5, S15.3, S15.11
COLUMN, DEPROPANIZER, D301, (TOP SECTION: 4 FT 6 IN DIAMETER), HEIGHT: 95 FT ; DIAMETER: 6 FT A/N: 325665	D471				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325665	D472			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
ACCUMULATOR, F301, DEPROPANIZER REFLUX, LENGTH: 18 FT ; DIAMETER: 5 FT 6 IN A/N: 325665	D477				

- * (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 5: GAS PRODUCTION					P13.2
VESSEL, MATERIAL DROPOUT, F306, COMMON TO LPG DISTILLATION AND COKER LPG MEROX UNITS, 1800 GALS; DIAMETER: 5 FT ; LENGTH: 10 FT A/N: 392202	D479	C484		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	
KNOCK OUT POT, F307, HEIGHT: 17 FT ; DIAMETER: 6 FT 6 IN A/N: 325665	D480				
CARBON ADSORBER, ME301A & B (TWO IN PARALLEL AND ONE OF WHICH AS SPARE), COMMON TO LPG DISTILLATION AND COKER LPG MEROX UNITS, 225 LBS A/N: 392202	C484	D479			D90.11, E128.1, E153.1
System 4: COKER LPG MEROX UNIT					S13.5, S15.3, S15.5, S15.11
VESSEL, EXTRACTOR, D-101, COKER C3/C4, HEIGHT: 53 FT ; DIAMETER: 4 FT 6 IN A/N: 392202	D486				
COLUMN, OXIDIZER, D-102, HEIGHT: 26 FT ; DIAMETER: 4 FT A/N: 392202	D487				
VESSEL, SURGE, F-101, COKER C3/C4, HEIGHT: 15 FT ; DIAMETER: 6 FT 6 IN A/N: 392202	D489				
VESSEL, PREWASH, F-102, COKER C3/C4, HEIGHT: 20 FT ; DIAMETER: 5 FT 6 IN A/N: 392202	D490				

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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(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</p> |
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Process 5: GAS PRODUCTION					P13.2
KNOCK OUT POT, F-103, COKER C3/C4 CAUSTIC, LENGTH: 18 FT ; DIAMETER: 4 FT 6 IN A/N: 392202	D491				
FILTER, COKER C3/C4 SAND, F-104, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT A/N: 392202	D492				
VESSEL, SEPARATOR, F-105, DISULFIDE, LENGTH: 23 FT ; DIAMETER: 7 FT A/N: 392202	D493			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
VESSEL, F-106, NAPHTHA WASH, HEIGHT: 13 FT 8 IN; DIAMETER: 4 FT A/N: 392202	D494				
VESSEL, MATERIAL DROPOUT, F306, COMMON TO LPG DISTILLATION AND COKER LPG MEROX UNITS, 1800 GALS; DIAMETER: 5 FT ; LENGTH: 10 FT A/N: 392202	D479	C484		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	
CARBON ADSORBER, ME301A & B (TWO IN PARALLEL AND ONE OF WHICH AS SPARE), COMMON TO LPG DISTILLATION AND COKER LPG MEROX UNITS, 225 LBS A/N: 392202	C484	D479			D90.11, E128.1, E153.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392202	D851				H23.22
Process 6: GAS AND WATER TREATMENT					P13.2

* (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 CONOCOPHILLIPS COMPANY

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 6: GAS AND WATER TREATMENT					P13.2
System 1: SOUR WATER STRIPPING UNIT					S13.5, S15.3, S15.6, S15.11
COLUMN, STRIPPER, QU-2, SOUR WATER, HEIGHT: 46 FT ; DIAMETER: 4 FT A/N: 348537	D221			SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
COLUMN, STRIPPER, QU-261, SOUR WATER, HEIGHT: 101 FT ; DIAMETER: 5 FT 6 IN A/N: 348537	D222			SOX: 500 PPMV (5) [RULE 407, 4-2-1982]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.12
COLUMN, STRIPPER, QU-262, SOUR WATER, HEIGHT: 101 FT ; DIAMETER: 5 FT 6 IN A/N: 348537	D223			HAP: (10) [40CFR 61 Subpart FF_01, 12-4-2003]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.12
ACCUMULATOR, V-2410, STRIPPER COLUMN OVERHEAD, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 348537	D224				
ACCUMULATOR, V-2411, STRIPPER COLUMN OVERHEAD, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 348537	D225				
ACCUMULATOR, V-2444, STRIPPER COLUMN OVERHEAD, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 348537	D227				
TANK, FLASH, NO. 2423, SOUR WATER/ORGANIC LIQUID, 63 BBL; DIAMETER: 3 FT ; HEIGHT: 50 FT A/N: 348537	D364				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: GAS AND WATER TREATMENT					P13.2
TANK, FLASH, NO. 2424, SOUR WATER/ORGANIC LIQUID, 63 BBL; DIAMETER: 3 FT ; HEIGHT: 50 FT A/N: 348537	D421				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 348537	D852				H23.1, H23.22
System 2: PILOT AND PURGE GAS TREATING UNIT					S13.5, S15.3, S15.11
KNOCK OUT POT, V-3061, PILOT AND PURGE GAS, HEIGHT: 5 FT ; DIAMETER: 1 FT A/N: 325675	D229				
SCRUBBER, V-3072, PILOT AND PURGE GAS, HEIGHT: 22 FT ; DIAMETER: 1 FT 6 IN A/N: 325675	D230				
DRYER, V-3073, PILOT AND PURGE GAS, HEIGHT: 9 FT ; DIAMETER: 3 FT 6 IN A/N: 325675	D231				
DRYER, V-3074, PILOT AND PURGE GAS, HEIGHT: 9 FT ; DIAMETER: 3 FT 6 IN A/N: 325675	D232				
VESSEL, SEPARATOR, SF-205, PILOT AND PURGE GAS, HEIGHT: 7 FT 3 IN; DIAMETER: 10.75 IN A/N: 325675	D233				
FILTER, DUST, SF-206, HEIGHT: 3 FT 11 IN; DIAMETER: 1 FT .75 IN A/N: 325675	D234				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 6: GAS AND WATER TREATMENT					P13.2
System 3: SOUR GAS TREATING UNIT					S13.5, S15.3, S15.11, S18.1
KNOCK OUT POT, V-2231, SOUR GAS CONDENSATE, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 325677	D235				
TANK, WASH, V-2233, C3-C4 FEED WATER, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 325677	D236				
ABSORBER, LIQUID CONTACTOR, V-2234, DEA/C3-C4, (PACKED TOWER), HEIGHT: 60 FT ; DIAMETER: 4 FT 6 IN A/N: 325677	D237				
VESSEL, COALESCER, V-2235, TREATED C3-C4, HEIGHT: 6 FT ; DIAMETER: 3 FT 6 IN A/N: 325677	D238				
TOWER, FLASH, V-2257, RICH DEA A/N: 325677	D239			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
ABSORBER, DEA, CK-8 A/N: 325677	D240				
SUMP, DEA BLOWDOWN, FULLY COVERED, WIDTH: 6 FT ; DEPTH: 10 FT ; LENGTH: 10 FT A/N: 325677	D241			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325677	D854			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1, H23.22
System 4: AMINE REGENERATION UNIT NO. 1					S15.3, S15.6, S15.11

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|---|---|
| <p>* (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</p> | <p>(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</p> |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: GAS AND WATER TREATMENT					P13.2
TANK, SURGE, TK-1676, LEAN DEA, (COMMON TO SRU NO. 2), 3020 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 392206	D244			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
TANK, HOLDING, TK-1770, PRECOAT FILTER BACKWASH WATER, 81 BBL; DIAMETER: 9 FT 6 IN; HEIGHT: 6 FT 6 IN A/N: 392206	D245				
TANK, HOLDING, TK-2504, PRECOAT MIX, 500 GALS; DIAMETER: 5 FT ; HEIGHT: 4 FT A/N: 392206	D246				
SUMP, UNDERGROUND, S-56, DEA, WIDTH: 4 FT 10 IN; DEPTH: 5 FT 2 IN; LENGTH: 4 FT 3 IN A/N: 392206	D248				
VESSEL, DEA FLASH AND SKIMMER, V-2570, LENGTH: 24 FT ; DIAMETER: 13 FT A/N: 392206	D249				
ACCUMULATOR, V-2571, DEA STRIPPER OVERHEAD, HEIGHT: 11 FT ; DIAMETER: 8 FT A/N: 392206	D250				
KNOCK OUT POT, V-2581, SOUR WATER, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 392206	D251				

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|---|---|
| <p>* (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</p> | <p>(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</p> |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 6: GAS AND WATER TREATMENT					P13.2
FILTER, PRECOAT, V-3018, COMMON TO DEA REGENERATION UNITS 1 & 2 A/N: 392206	D254				
FILTER, PREFILTER, V-3134, DEA, COMMON TO DEA REGENERATION UNITS 1 & 2, LENGTH: 3 FT 7 IN; DIAMETER: 3 FT 6 IN A/N: 392206	D780				
FILTER, CARBON, V-3135, DEA, COMMON TO DEA REGENERATION UNITS 1 & 2, WITH A BASKET STRAINER (6 IN DIA. X 18 IN LENGTH), HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: 392206	D781				
COLUMN, STRIPPER, DA-282, DEA, HEIGHT: 90 FT ; DIAMETER: 8 FT A/N: 392206	D804				
System 5: AMINE REGENERATION UNIT NO. 2					S15.3, S15.6, S15.11
COLUMN, DEA STRIPPER, DA-283, HEIGHT: 90 FT ; DIAMETER: 8 FT A/N: 392197	D276				
SUMP, UNDERGROUND, S-62, DEA, WIDTH: 4 FT 10 IN; DEPTH: 5 FT 2 IN; LENGTH: 4 FT 3 IN A/N: 392197	D278				
VESSEL, DEA FLASH AND SKIMMER, V-2572, LENGTH: 24 FT ; DIAMETER: 13 FT A/N: 392197	D279				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 6: GAS AND WATER TREATMENT					P13.2
ACCUMULATOR, V-2573, DEA STRIPPER OVERHEAD, HEIGHT: 11 FT ; DIAMETER: 8 FT A/N: 392197	D280				
KNOCK OUT POT, V-2591, SOUR WATER, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 392197	D281				
TANK, HOLDING, TK-1770, PRECOAT FILTER BACKWASH WATER, 81 BBL; DIAMETER: 9 FT 6 IN; HEIGHT: 6 FT 6 IN A/N: 392206	D245				
TANK, HOLDING, TK-2504, PRECOAT MIX, 500 GALS; DIAMETER: 5 FT ; HEIGHT: 4 FT A/N: 392206	D246				
FILTER, PRECOAT, V-3018, COMMON TO DEA REGENERATION UNITS 1 & 2 A/N: 392206	D254				
FILTER, PREFILTER, V-3134, DEA, COMMON TO DEA REGENERATION UNITS 1 & 2, LENGTH: 3 FT 7 IN; DIAMETER: 3 FT 6 IN A/N: 392206	D780				
FILTER, CARBON, V-3135, DEA, COMMON TO DEA REGENERATION UNITS 1 & 2, WITH A BASKET STRAINER (6 IN DIA. X 18 IN LENGTH), HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: 392206	D781				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 7: SULFUR PRODUCTION					P13.1, P13.2
System 1: SULFUR RECOVERY UNIT NO. 1					S15.3, S15.7, S15.11, S18.2
REACTOR, THERMAL, CL-44, REFINERY GAS, H2S GAS A/N: 392206	D242				H23.12
BURNER, CL-45, AUXILIARY NO. 1, H2S FIRED A/N: 392206	D805				
BURNER, AUXILIARY NO. 2, CL-46, H2S FIRED A/N: 392206	D806				
BURNER, AUXILIARY NO. 3, CL-47, H2S FIRED A/N: 392206	D807				
PIT, ACCUMULATOR, UNDERGROUND, S-49, SULFUR, NITROGEN BLANKETS, WIDTH: 20 FT ; DEPTH: 13 FT ; LENGTH: 35 FT A/N: 392206	D247	C252		H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
SCRUBBER, V-2587, SULFUR PIT VAPOR, HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 392206	C252	D247			E336.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392206	D855			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1, H23.22
CONDENSER, CL-538, NO. 1 A/N: 392206	D888				
CONDENSER, CL-539, NO. 2 A/N: 392206	D889				
CONDENSER, CL-540, NO. 3 A/N: 392206	D890				

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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Process 7: SULFUR PRODUCTION					P13.1, P13.2
CONDENSER, CL-541, NO. 4 A/N: 392206	D891			H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; HAP: (10) [40CFR 63 Subpart UUU, #4, 4-20-2006]; SOX: 250 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
System 2: SULFUR RECOVERY UNIT NO. 2					S15.3, S15.7, S15.11, S18.2
REACTOR, THERMAL, CU-49, REFINERY GAS, H2S GAS A/N: 392197	D275				H23.12
BURNER, CU-50, AUXILIARY NO. 1, H2S FIRED A/N: 392197	D808				
PIT, ACCUMULATOR, UNDERGROUND, S-60, SULFUR, NITROGEN BLANKETED, WIDTH: 20 FT ; DEPTH: 13 FT ; LENGTH: 35 FT A/N: 392197	D277	C282		H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
BURNER, CU-51, AUXILIARY NO. 2, H2S FIRED A/N: 392197	D809				
BURNER, CU-52, AUXILIARY NO. 3, H2S FIRED A/N: 392197	D810				
SCRUBBER, V-2610, SULFUR PIT VAPOR, HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 392197	C282	D277			E336.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392197	D856			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1, H23.22

- * (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: SULFUR PRODUCTION					P13.1, P13.2
CONDENSER, CU 555, NO. 1 A/N: 392197	D892				
CONDENSER, CU 556, NO. 2 A/N: 392197	D893				
CONDENSER, CU 557, NO. 3 A/N: 392197	D894				
CONDENSER, CU 558, NO. 4 A/N: 392197	D895			H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; HAP: (10) [40CFR 63 Subpart UUU, #4, 4-20-2006]; SOX: 250 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
System 3: SCOT TAIL GAS INCINERATOR					S18.4
INCINERATOR, CATALYTIC, CU-53, PROCESS GAS, REFINERY/NATURAL GAS, 15 MMBTU/HR WITH A/N: 325684 BURNER, PROCESS GAS, REFINERY/NATURAL GAS, J. T. THORPE, MODEL WCS-GF-SP-1242-36.0-0.75-40	C292	S293	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SO2: 250 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]	C8.5, D29.4, D82.2, D328.1, H23.6
STACK, HEIGHT: 125 FT ; DIAMETER: 6 FT A/N: 325684	S293	C292			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325684	D857				H23.1, H23.22

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| <p>* (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</p> | <p>(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</p> |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: SULFUR PRODUCTION					P13.1, P13.2
INCINERATOR, THERMAL, CL-48, PROCESS GAS, REFINERY/NATURAL GAS, STANDBY, 27.5 MMBTU/HR WITH A/N: 338490 BURNER, PROCESS GAS, REFINERY/NATURAL GAS, J. T. THORPE, MODEL WCS-GF-SP-1242-36.0-0.75-40	C294	S295	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SO2: 250 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]	C8.4, C8.8, D82.2, D328.1, H23.6
STACK A/N: 338490	S295	C294			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 338490	D858				H23.1, H23.22
System 4: TAIL GAS (SCOT) UNIT NO. 2, REDUCTION CONTROL					S13.5, S15.3, S15.8, S15.11, S18.3
COLUMN, QUENCH, C-3758, HEIGHT: 34 FT ; DIAMETER: 10 FT A/N: 325686	D499				
ABSORBER, C-3759, HEIGHT: 55 FT 6 IN; DIAMETER: 10 FT A/N: 325686	D500				
COLUMN, STRIPPER, C-3760, HEIGHT: 86 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 325686	D501				
ACCUMULATOR, STRIPPER COLUMN, V-3120, HEIGHT: 12 FT ; DIAMETER: 3 FT A/N: 325686	D502				

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 7: SULFUR PRODUCTION					P13.1, P13.2
REACTOR, V-3121, HEIGHT: 21 FT 6 IN; DIAMETER: 11 FT A/N: 325686	D503				
SUMP, SE-4316, SOLVENT DRIPS (MDEA), WIDTH: 5 FT ; DEPTH: 8 FT 9 IN; LENGTH: 3 FT 3 IN A/N: 325686	D811				
TANK, HOLDING, TK-1677, MDEA, 571 BBL; DIAMETER: 15 FT ; HEIGHT: 18 FT A/N: 392205	D264				
System 5: TAIL GAS (SCOT) UNIT NO. 1, REDUCTION CONTROL					S13.5, S15.3, S15.8, S15.11, S18.3
COLUMN, QUENCH, SU-285, HEIGHT: 34 FT ; DIAMETER: 10 FT A/N: 392205	D261				
ABSORBER, SU-286, HEIGHT: 55 FT 6 IN; DIAMETER: 10 FT A/N: 392205	D262				
COLUMN, STRIPPER, SU-287, HEIGHT: 86 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 392205	D263				
TANK, HOLDING, TK-1677, MDEA, 571 BBL; DIAMETER: 15 FT ; HEIGHT: 18 FT A/N: 392205	D264				
SUMP, UNDERGROUND, S-55, MDEA, WIDTH: 5 FT 2 IN; DEPTH: 6 FT 2 IN; LENGTH: 3 FT 11 IN A/N: 392205	D265				

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|---|---|
| <p>* (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</p> | <p>(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</p> |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 7: SULFUR PRODUCTION					P13.1, P13.2
REACTOR, SCOT, V-2598, HEIGHT: 21 FT 6 IN; DIAMETER: 10 FT 1 IN A/N: 392205	D267				
ACCUMULATOR, V-2599, MDEA STRIPPER OVERHEAD, HEIGHT: 12 FT ; DIAMETER: 3 FT A/N: 392205	D268				
Process 8: LOADING AND UNLOADING					P13.2
System 1: CRUDE OIL TANK CAR UNLOADING SYSTEM					S1.1, S15.3, S15.11
UNLOADING ARM, TANK CAR, CRUDE OIL, 6 TOTAL; DIAMETER: 8 IN A/N: 325689	D296				
TANK, SURGE, NO. 2502, CRUDE OIL, 1500 BBL; DIAMETER: 20 FT ; HEIGHT: 28 FT A/N: 325689	D362			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.15, K67.3
KNOCK OUT POT, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 325689	D307				
BLOWER, KB-9008, SURGE TANK VENT GAS, 2-HP A/N: 325689	D828				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325689	D861				H23.1
System 3: LPG TANK CAR LOADING AND UNLOADING					S15.3, S15.11

* (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 CONOCOPHILLIPS COMPANY

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 8: LOADING AND UNLOADING					P13.2
LOADING AND UNLOADING ARM, TANK CAR, SWING-TYPE, LPG, WITH A DOUBLE 3-IN FLEXIBLE HOSE AND A 1-IN FLEXIBLE HOSE TYPE VAPOR VENT, 4 TOTAL A/N: 325693	D324				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325693	D862				H23.1
System 4: SULFUR TANK CAR AND TANK TRUCK LOADING					
LOADING ARM, TANK TRUCK, TOP, SULFUR, 5 TOTAL A/N: 325714	D330	C335		SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
System 5: VAPOR RECOVERY SYSTEM					
SCRUBBER, CHEMICAL, V-2604, HEIGHT: 9 FT ; DIAMETER: 4 FT WITH A/N: 430800 BLOWER, RA-745, 550 CFM	C335	D330 D359 D360			C8.1, C8.7
Process 9: WASTEWATER TREATMENT					P13.2
System 1: STORM/PROCESS UNIT WASTEWATER TREATMENT					S13.6
OIL WATER SEPARATOR, NO. 1, WASTEWATER, API-TYPE COLLECTION MECHANISM, WIDTH: 16 FT ; DEPTH: 6 FT ; LENGTH: 85 FT 4 IN A/N:	D336			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 9: WASTEWATER TREATMENT					P13.2
OIL WATER SEPARATOR, NO. 2, WASTEWATER, API-TYPE COLLECTOR MECHANISM, WIDTH: 16 FT ; DEPTH: 6 FT ; LENGTH: 85 FT 4 IN A/N:	D337			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
OIL WATER SEPARATOR, NO. 3, WASTEWATER, API-TYPE COLLECTOR MECHANISM, WIDTH: 16 FT ; DEPTH: 6 FT ; LENGTH: 85 FT 4 IN A/N:	D338			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
SUMP, OIL AND WATER, FIXED COVER, WIDTH: 5 FT ; DEPTH: 6 FT 7 IN; LENGTH: 10 FT A/N:	D339				
SUMP, PROCESS WATER, CONCRETE WITH OPEN TOP, WIDTH: 15 FT ; DEPTH: 8 FT 6 IN; LENGTH: 15 FT A/N:	D340				
SUMP, STORM WATER, CONCRETE WITH OPEN TOP, WIDTH: 15 FT ; DEPTH: 8 FT 6 IN; LENGTH: 20 FT A/N:	D341				
TANK, AIR FLOATATION, TK-1601, PROCESS WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N:	D342				
TANK, AIR FLOATATION, TK-1602, PROCESS WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N:	D344				

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|---|---|
| <p>* (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</p> | <p>(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</p> |
|---|---|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 9: WASTEWATER TREATMENT					P13.2
SUMP, RES-5, STORM WATER, CONCRETE WITH A SKIMMER A/N:	D345				
SCREEN, CLASSIFYING, DR-4201, MECHANICAL TYPE A/N:	D346				
TANK, AIR FLOATATION, TK-1603, STORM WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N:	D813				
DRAIN SYSTEM COMPONENT A/N:	D887			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D945				H23.1
System 3: OIL AND WATER SEPARATION #1					S13.6
OIL WATER SEPARATOR, FIXED ROOF, CPI TYPE, SB-5, SERVING THE COKER AND FLASHER UNITS A/N: 455029	D347	C524		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
CARBON ADSORBER, EQUIVALENT (OR GREATER) VOLUME TO A 55 GALLON CANISTER A/N: 455029	C523	C524			D90.10, E128.1, E153.2
SCRUBBER, PACKED COLUMN WITH PALL RINGS, WATER OR WASTEWATER (ONCE THROUGH), HEIGHT: 6 FT ; DIAMETER: 4 IN A/N: 455029	C524	D347 C523			C8.6

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|---|---|
| <p>* (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</p> | <p>(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</p> |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 9: WASTEWATER TREATMENT					P13.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455029	D944				H23.1
DRAIN SYSTEM COMPONENT A/N: 455029	D949			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13
System 4: OIL AND WATER SEPARATION #2					S13.6
OIL WATER SEPARATOR, FIXED ROOF, CPI-TYPE, SB-6, SERVING CRUDE UNIT A/N: 453496	D348	C526		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
CARBON ADSORBER, EQUIVALENT (OR GREATER) VOLUME TO A 55 GALLON CANISTER A/N: 453496	C525	C526			D90.10, E128.1, E153.2
SCRUBBER, PACKED COLUMN WITH PALL RINGS, WATER OR WASTEWATER (ONCE THROUGH), HEIGHT: 6 FT ; DIAMETER: 4 IN A/N: 453496	C526	D348 C525			C8.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 453496	D868				H23.1
DRAIN SYSTEM COMPONENT A/N: 453496	D950			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13
System 5: OIL AND WATER SEPARATION #3					S13.6
OIL WATER SEPARATOR, FIXED ROOF, CPI-TYPE, SB-41, SERVING SULFUR PLANT, HYDRODESULFURIZATION UNIT DHT-3 & HYDROGEN PLANT A/N: 453493	D349	C528		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.13

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 9: WASTEWATER TREATMENT					P13.2
CARBON ADSORBER, EQUIVALENT (OR GREATER) VOLUME TO A 55 GALLON CANISTER A/N: 453493	C527	C528			D90.10, E128.1, E153.2
SCRUBBER, PACKED COLUMN WITH PALL RINGS, WATER OR WASTEWATER (ONCE THROUGH), HEIGHT: 6 FT ; DIAMETER: 4 IN A/N: 453493	C528	D349 C527			C8.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 453493	D869				H23.1
DRAIN SYSTEM COMPONENT A/N: 453493	D951			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13
Process 10: STORAGE TANKS					P13.2
System 1: FIXED ROOF TANKS					
STORAGE TANK, FIXED ROOF, NO. 17, FUEL OIL, 79113 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 6 IN A/N: 325877	D353			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.3, H23.2
STORAGE TANK, FIXED ROOF, HEATED, NO. 1678, SULFUR, INSULATED, 16450 BBL; DIAMETER: 70 FT ; HEIGHT: 24 FT A/N: 325733	D359	C335		SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
STORAGE TANK, FIXED ROOF, HEATED, NO. 1679, SULFUR, INSULATED, 16450 BBL; DIAMETER: 70 FT ; HEIGHT: 24 FT A/N: 325735	D360	C335		SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, FIXED ROOF, TK 2507, DIESEL STABILITY ADDITIVE DISTILLATE, 11700 GALS; DIAMETER: 10 FT ; HEIGHT: 19 FT 11 IN A/N: 325737	D363			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325737	D870			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 2: EXTERNAL FLOATING ROOF TANKS					S13.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1, WITH A STEAM HEATING COIL AND JET MIXER, 78000 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 10 IN WITH A/N: 325742 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D365			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2, WITH A STEAM HEATING COIL AND A MIXER, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: 487988 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D366			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 3, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 43 FT WITH A/N: 325744 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D367			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 5, WITH A STEAM HEATING COIL AND JET MIXER, 78000 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT 10 IN WITH A/N: 325745 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D369			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 6, HEAVY GAS OIL, WITH STEAM HEATING COILS AND A MIXER, 78778 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 4 IN WITH A/N: 325746 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D370			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.3

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 9, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 8 IN WITH A/N: 325748 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D373			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 10, 85000 BBL; DIAMETER: 117 FT ; HEIGHT: 45 FT WITH A/N: 325749 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D374			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

* (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
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 12, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: 325751 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D376			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 13, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: 325752 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D377			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

* (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 CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 21, 82700 BBL; DIAMETER: 117 FT ; HEIGHT: 43 FT WITH A/N: 325756 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D379			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 42, SOUR/OILY/FLASH WATER, WITH A MIXER, 41000 BBL; DIAMETER: 95 FT 7 IN; HEIGHT: 32 FT 10.63 IN WITH A/N: 487993 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D380				H23.12, H23.17, K67.3

- * (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

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Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 44, 42707 BBL; DIAMETER: 95 FT 7 IN; HEIGHT: 33 FT 5 IN WITH A/N: 487971 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D381			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.6, C1.22, H23.17, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 45, WELDED, 37000 BBL; DIAMETER: 78 FT 10 IN; HEIGHT: 42 FT 8 IN WITH A/N: 403157 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D382			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13, H23.23, K67.3

- * (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 47, 35000 BBL; DIAMETER: 90 FT ; HEIGHT: 32 FT WITH A/N: 325633 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D384			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 280, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: 325638 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D389			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.3, C1.7, H23.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. R-510, WITH TWO MIXERS, 320000 BBL; DIAMETER: 218 FT ; HEIGHT: 50 FT WITH A/N: 487992 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D394			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.17, H23.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. R-511, WELDED, WITH TWO MIXERS, 320000 BBL; DIAMETER: 218 FT ; HEIGHT: 50 FT WITH A/N: 487990 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D395			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.17, H23.4

* (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. R-512, WELDED, WITH TWO MIXERS, 320000 BBL; DIAMETER: 218 FT ; HEIGHT: 50 FT WITH A/N: 487989 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D396			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.1, H23.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. R513, WITH TWO TANK MIXERS, 320000 BBL; DIAMETER: 218 FT 6 IN; HEIGHT: 50 FT WITH A/N: 487979 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D397			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.1, H23.4

* (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1628, WITH A STEAM HEATING COIL, 15000 BBL; DIAMETER: 48 FT ; HEIGHT: 51 FT WITH A/N: 487982 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D398			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.18, C6.3, H23.24
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1629, WELDED, WITH A STEAM HEATING COIL, 15000 BBL; DIAMETER: 48 FT ; HEIGHT: 51 FT WITH A/N: 487985 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D399			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.18, C6.3, H23.24

- * (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1646, 170000 BBL; DIAMETER: 160 FT ; HEIGHT: 51 FT WITH A/N: 325660 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D400			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.16, H23.16
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1647, WASTEWATER, WITH A MIXER, 200000 BBL; DIAMETER: 180 FT ; HEIGHT: 51 FT WITH A/N: 487818 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D401			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.12, E193.5, H23.13, H23.17

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 1648, 170000 BBL; DIAMETER: 160 FT ; HEIGHT: 51 FT WITH A/N: 398198 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE, RIM-MOUNTED	D402			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.5, C1.15, H23.16
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2155, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: 325668 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D404			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2270, SOUR/OILY/FLASH WATER, WITH A MIXER, 38000 BBL; DIAMETER: 75 FT ; HEIGHT: 48 FT WITH A/N: 348539 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D407				H23.12, H23.17, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2272, 15500 BBL; DIAMETER: 48 FT ; HEIGHT: 48 FT WITH A/N: 487977 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D408			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.12, H23.13, H23.17, K67.3

* (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2274, WELDED, WITH TWO MIXERS, 255000 BBL; DIAMETER: 195 FT ; HEIGHT: 48 FT WITH A/N: 504487 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D409			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2275, WITH 2 JET MIXERS, 170000 BBL; DIAMETER: 160 FT ; HEIGHT: 48 FT WITH A/N: 325683 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D410			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.3, K67.3

- * (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2282, WITH INTERNAL HEATING COILS, 8300 BBL; DIAMETER: 45 FT ; HEIGHT: 30 FT 8 IN WITH A/N: 487976 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY B OR BETTER, WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D411			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.12, H23.13, H23.17, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2283, WITH HEATING COILS, 6720 BBL; DIAMETER: 40 FT ; HEIGHT: 30 FT WITH A/N: 423656 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D412			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.12, H23.13, H23.17, K67.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2284, 1400 BBL; DIAMETER: 25 FT ; HEIGHT: 15 FT WITH A/N: 325690 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D413			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.17, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2285, 8373 BBL; DIAMETER: 45 FT ; HEIGHT: 30 FT WITH A/N: 325692 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D414			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13, H23.23, K67.3

* (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2286, WELDED, 9900 BBL; DIAMETER: 45 FT ; HEIGHT: 35 FT WITH A/N: 395159 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D415			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13, H23.23, K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. TK-2287, 35000 BBL; DIAMETER: 81 FT ; HEIGHT: 40 FT WITH A/N: 325695 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D416			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2288, 11300 BBL; DIAMETER: 45 FT ; HEIGHT: 40 FT WITH A/N: 325696 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D417			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.2, C1.2, H23.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2289, 11300 BBL; DIAMETER: 45 FT ; HEIGHT: 40 FT WITH A/N: 325697 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D418			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.2, C1.2, H23.3

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|---|---|
| <p>* (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</p> | <p>(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</p> |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2341, HEIGHT: 48 FT ; DIAMETER: 160 FT WITH A/N: 325699 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY C OR BETTER PER RULE 219(C)(4), LIQUID MOUNTED RESILIENT FOAM-FILLED SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D419			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 2500, WITH A JET MIXER, 55000 BBL; DIAMETER: 90 FT ; HEIGHT: 48 FT WITH A/N: 487974 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE	D420			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.14, H23.16
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 487974	D871			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 3: PRESSURIZED TANKS					S13.2

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, PRESSURIZED, NO. 2170, 7000 BBL; DIAMETER: 42 FT 3 IN A/N: 325700	D422	C465 C469 D938 D939			
STORAGE TANK, PRESSURIZED, NO. 2127, 7000 BBL; DIAMETER: 42 FT A/N: 325701	D423	C465 C469 D938 D939			
STORAGE TANK, PRESSURIZED, NO. 2222, 8500 BBL; DIAMETER: 45 FT 4 IN A/N: 325702	D424	C465 C469 D938 D939			
STORAGE TANK, PRESSURIZED, NO. 2223, 8500 BBL; DIAMETER: 45 FT 4 IN A/N: 325703	D425	C465 C469 D938 D939			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325703	D872			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 4: TEMPORARY TANKS					
STORAGE TANK, FIXED ROOF, API SLUDGE, 500 BBL; WIDTH: 7 FT 6 IN; HEIGHT: 12 FT ; LENGTH: 35 FT A/N: 325704	D426	C427		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a) (1)-BACT, 12-6-2002]	C1.9, H23.5
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL, 200 LBS A/N: 325704	C427	D426			D90.5, E128.1, E153.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325704	D873			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 5: INTERNAL FLOATING ROOF TANKS					S13.3

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|---|---|
| <p>* (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</p> | <p>(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</p> |
|---|---|

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 7, 80000 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 42 FT WITH A/N: 325747 FLOATING ROOF, PAN, RIVETED SHELL PRIMARY SEAL, CATEGORY C OR BETTER PER RULE 219(C)(4), WIPER TYPE	D372			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C1.20, C6.1
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 274, RIVETED, 80373 BBL; DIAMETER: 117 FT 3 IN; HEIGHT: 41 FT WITH A/N: 393102 FLOATING ROOF, PAN PRIMARY SEAL, CATEGORY C OR BETTER PER RULE 219(C)(4), LIQUID MOUNTED RESILIENT FOAM-FILLED	D388			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	C6.1, K67.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 393102	D947				H23.1
System 6: PRESSURIZED STORAGE TANK, INORGANIC					

* (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 CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, PRESSURIZED, NO. V-3147, ANHYDROUS AMMONIA, SET AT 265 PSIG, SERVES SCOT UNITS 1&2, WITH PRV VENT TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 5 FT 9 IN A/N: 337469	D915				E71.1
STORAGE TANK, PRESSURIZED, NO. V-3154, AQUEOUS AMMONIA, 19%, WITH TWO PRV/RUPTURE DISKS VENT TO ATMOSPHERE, WITH NITROGEN BLANKET, SUBMERGED FILLING, 11420 GALS; DIAMETER: 9 FT ; LENGTH: 21 FT A/N: 426497	D917				E71.2, E144.1
System 7: DOMED EXTERNAL FLOATING ROOF TANKS					

* (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 CONOCOPHILLIPS COMPANY

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 10: STORAGE TANKS					P13.2
STORAGE TANK, WELDED SHELL, DOMED EXTERNAL FLOATING ROOF, NO. 15, MIXED NAPHTHA, 79000 BBL; DIAMETER: 117 FT ; HEIGHT: 40 FT WITH A/N: 460933 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D378			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.26, H23.5, K67.5
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 460933	D948				H23.1
Process 11: STEAM GENERATION					
System 1: BOILERS					

* (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 CONOCOPHILLIPS COMPANY

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 11: STEAM GENERATION					
BOILER, NO. 10, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 352 MMBTU/HR WITH A/N: BURNER, 4 BURNERS, REFINERY/NATURAL GAS, B & W, MODEL PFI 28-16, WITH LOW NOX BURNER	D429		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	D328.1
Process 12: MISCELLANEOUS					
System 1: SLUDGE HANDLING					
TANK, GRAVITY SETTLING, TK-2518, SLUDGE, WITH INTERNAL RAKES, HEIGHT: 12 FT ; DIAMETER: 35 FT A/N: 487975	D431	C435		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (4) [RULE 1303(a)(1) -BACT, 5-10-1996]	
TANK, DAF, TK-2520, WITH FLOAT COLLECTOR, 180 BBL; DIAMETER: 9 FT ; HEIGHT: 16 FT A/N: 487975	D432	C434		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	
TANK, FIXED ROOF, TK-2519, SPARE, 230 BBL; DIAMETER: 9 FT ; HEIGHT: 20 FT A/N: 487975	D433	C435		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL IN PARALLEL, 150 LBS A/N: 487975	C434	D432			D90.1, E128.1, E153.2, H116.1

- * (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
- (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 12: MISCELLANEOUS					
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL IN PARALLEL, 150 LBS A/N: 487975	C435	D431 D433			D90.1, E128.1, E153.2, H116.1
System 4: MAINTENANCE DROP-OUT					
VESSEL, MAINTENANCE DROP-OUT, V-2420, LENGTH: 20 FT ; DIAMETER: 10 FT A/N: 325710	D448			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	
KNOCK OUT POT, V-2421, LENGTH: 7 FT 8 IN; DIAMETER: 4 FT A/N: 325710	D449	C465 C469 D938 D939			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325710	D875				H23.1
System 7: FUEL STORAGE AND DISPENSING					
STORAGE TANK, ABOVEGROUND, GASOLINE, CONVAULT TYPE, 2000 GALS; WIDTH: 8 FT ; HEIGHT: 5 FT 6 IN; LENGTH: 11 FT 3 IN A/N: 325712	D759				C1.19, J109.1
FUEL DISPENSING NOZZLE, GASOLINE, WITH A TANK TOP MOUNTED DISPENSER AND A PHASE II VAPOR RECOVERY SYSTEM A/N: 325712	D760				D330.1, J110.1
STORAGE TANK, ABOVEGROUND, DIESEL FUEL, CONVAULT TYPE, 1000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 4 FT 4 IN; LENGTH: 11 FT A/N: 325712	D761				C1.6

- * (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 CONOCOPHILLIPS COMPANY

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 12: MISCELLANEOUS					
FUEL DISPENSING NOZZLE, DIESEL, WITH A TANK TOP MOUNTED DISPENSER A/N: 325712	D762				
System 8: EMERGENCY IC ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CATERPILLAR, MODEL NO. 3208, 235 BHP A/N: 325713	D785		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.2, B61.3, C1.11, C1.27, D12.2, H23.26, H23.31, K67.2
System 9: NON-EMERGENCY IC ENGINE					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CR-8, CRANE MOTOR, DIESEL FUEL, DETROIT, MODEL DDC 6V-71N, 252 BHP A/N: 327224	D791		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 544 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.2, D29.1, H23.32, K67.8
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, PW-69, WELDING MOTOR, DIESEL FUEL, PERKINS, MODEL PERKINS US236, 57 BHP A/N: 342285	D826		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 344 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.2, D29.1, H23.32, K67.8
Process 14: AIR POLLUTION CONTROL					P18.1
System 1: EAST FLARE SYSTEM					S31.3
FLARE, ELEVATED WITH STEAM INJECTION, SA-4, WITH A JOHN ZINK FLARE TIP AND FOUR CONTINUOUS PILOT BURNERS, HEIGHT: 175 FT ; DIAMETER: 3 FT A/N:	C465	D422 D423 D424 D425 D449 D466 D753			D12.3, D323.2, E193.4, H23.29, I1.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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- (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 CONOCOPHILLIPS COMPANY

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 14: AIR POLLUTION CONTROL					P18.1
KNOCK OUT POT, V-2254 A/N:	D466	C465			
KNOCK OUT POT, V-3052 A/N:	D467				
KNOCK OUT POT, V-3053 A/N:	D468				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D876			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 2: WEST FLARE SYSTEM					S31.3
FLARE, SA-6, WITH A JOHN ZINK FLARE TIP, THREE AUTOMATIC STEAM SUPPLY CONTROLS, HEIGHT: 175 FT ; DIAMETER: 2 FT 6 IN A/N:	C469	D422 D423 D424 D425 D449 D470			D12.3, D323.2, E193.4, H23.29, 11.1
KNOCK OUT POT, V-2540 A/N:	D470	C469			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D877			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
Process 15: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E879				H23.7
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E880				H23.7
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E881				H23.8
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E882				H23.20

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E884			VOC: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006; RULE 1171, 11-7-2003; RULE 1171, 2-1-2008]	H23.19
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E885			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 2-1-2008]	K67.4
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E886				H23.9
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E913			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 2-1-2008]	H23.21

* (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 CONOCOPHILLIPS COMPANY

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	1
D2	1	1	1
D3	1	1	1
D4	1	1	1
D5	1	1	1
D6	1	1	1
D8	1	1	1
D9	2	1	1
D10	5	1	8
D11	2	1	1
D12	5	1	8
D16	2	1	1
D17	5	1	8
D55	5	1	8
D59	3	1	2
D64	3	1	4
D65	3	1	4
D66	4	1	4
D69	4	1	4
D70	4	1	4
D77	4	1	4
D78	4	1	5
D79	5	1	5
D80	6	2	1
D81	6	2	1
D82	6	2	1
D83	6	2	1
D84	6	2	1
D85	7	2	1
D86	8	2	1
D95	7	2	1
D96	7	2	1
D97	7	2	1
D99	7	2	1
D103	7	2	1

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D104	8	2	2
D105	9	2	2
D106	9	2	3
D107	9	2	3
D108	9	2	4
D109	10	2	4
D110	10	2	4
D111	10	2	4
D112	10	2	4
D113	10	2	4
D114	10	2	4
D115	10	2	4
D116	10	2	5
D117	10	2	5
D118	11	2	5
D119	11	2	5
D120	11	2	5
D123	11	2	5
D124	11	2	5
D125	11	2	5
D126	11	2	5
D127	11	3	1
D128	12	3	1
D129	12	3	1
D130	12	3	1
D131	12	3	1
D136	12	3	1
D137	12	3	1
D138	12	3	1
D139	12	3	1
D140	12	3	1
D141	12	3	1
D142	13	3	1
D143	13	3	1
D144	13	3	1

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D145	13	3	1
D146	13	3	1
D148	13	3	1
D169	13	3	1
D170	14	3	1
D174	14	3	2
D175	14	4	1
D176	14	4	1
D177	15	4	1
D178	15	4	1
D179	15	4	1
D180	15	4	1
D181	15	4	1
D182	15	4	1
D183	15	4	1
D184	16	4	1
D185	16	4	1
D186	16	4	1
D187	16	4	1
D188	16	4	1
D190	16	4	1
D191	16	4	1
D192	16	4	1
D193	17	4	1
D194	17	4	1
D201	17	4	1
D202	17	4	1
D203	17	4	1
D206	17	4	1
D207	17	4	1
D210	18	4	2
D211	18	5	1
D216	19	5	2
D217	19	5	2
D219	19	5	2

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D220	19	5	2
D221	22	6	1
D222	22	6	1
D223	22	6	1
D224	22	6	1
D225	22	6	1
D227	22	6	1
D229	23	6	2
D230	23	6	2
D231	23	6	2
D232	23	6	2
D233	23	6	2
D234	23	6	2
D235	24	6	3
D236	24	6	3
D237	24	6	3
D238	24	6	3
D239	24	6	3
D240	24	6	3
D241	24	6	3
D242	28	7	1
D244	25	6	4
D245	25	6	4
D245	27	6	5
D246	25	6	4
D246	27	6	5
D247	28	7	1
D248	25	6	4
D249	25	6	4
D250	25	6	4
D251	25	6	4
C252	28	7	1
D254	26	6	4
D254	27	6	5
D261	32	7	5

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D262	32	7	5
D263	32	7	5
D264	32	7	4
D264	32	7	5
D265	32	7	5
D267	33	7	5
D268	33	7	5
D275	29	7	2
D276	26	6	5
D277	29	7	2
D278	26	6	5
D279	26	6	5
D280	27	6	5
D281	27	6	5
C282	29	7	2
C292	30	7	3
S293	30	7	3
C294	31	7	3
S295	31	7	3
D296	33	8	1
D307	33	8	1
D324	34	8	3
D330	34	8	4
C335	34	8	5
D336	34	9	1
D337	35	9	1
D338	35	9	1
D339	35	9	1
D340	35	9	1
D341	35	9	1
D342	35	9	1
D344	35	9	1
D345	36	9	1
D346	36	9	1
D347	36	9	3

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D348	37	9	4
D349	37	9	5
D353	38	10	1
D359	38	10	1
D360	38	10	1
D362	33	8	1
D363	39	10	1
D364	22	6	1
D365	39	10	2
D366	40	10	2
D367	40	10	2
D369	41	10	2
D370	41	10	2
D372	60	10	5
D373	42	10	2
D374	42	10	2
D376	43	10	2
D377	43	10	2
D378	62	10	7
D379	44	10	2
D380	44	10	2
D381	45	10	2
D382	45	10	2
D384	46	10	2
D388	60	10	5
D389	46	10	2
D394	47	10	2
D395	47	10	2
D396	48	10	2
D397	48	10	2
D398	49	10	2
D399	49	10	2
D400	50	10	2
D401	50	10	2
D402	51	10	2

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D404	51	10	2
D407	52	10	2
D408	52	10	2
D409	53	10	2
D410	53	10	2
D411	54	10	2
D412	54	10	2
D413	55	10	2
D414	55	10	2
D415	56	10	2
D416	56	10	2
D417	57	10	2
D418	57	10	2
D419	58	10	2
D420	58	10	2
D421	23	6	1
D422	59	10	3
D423	59	10	3
D424	59	10	3
D425	59	10	3
D426	59	10	4
C427	59	10	4
D429	63	11	1
D431	63	12	1
D432	63	12	1
D433	63	12	1
C434	63	12	1
C435	64	12	1
D448	64	12	4
D449	64	12	4
C465	65	14	1
D466	66	14	1
D467	66	14	1
D468	66	14	1
C469	66	14	2

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D470	66	14	2
D471	19	5	3
D472	19	5	3
D477	19	5	3
D479	20	5	3
D479	21	5	4
D480	20	5	3
C484	20	5	3
C484	21	5	4
D486	20	5	4
D487	20	5	4
D489	20	5	4
D490	20	5	4
D491	21	5	4
D492	21	5	4
D493	21	5	4
D494	21	5	4
D499	31	7	4
D500	31	7	4
D501	31	7	4
D502	31	7	4
D503	32	7	4
C523	36	9	3
C524	36	9	3
C525	37	9	4
C526	37	9	4
C527	38	9	5
C528	38	9	5
D758	8	2	1
D759	64	12	7
D760	64	12	7
D761	64	12	7
D762	65	12	7
D780	26	6	4
D780	27	6	5

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D781	26	6	4
D781	27	6	5
D785	65	12	8
D791	65	12	9
D796	7	2	1
D797	7	2	1
D798	7	2	1
D799	7	2	1
D800	14	3	1
D801	15	4	1
D802	17	4	1
D803	18	5	1
D804	26	6	4
D805	28	7	1
D806	28	7	1
D807	28	7	1
D808	29	7	2
D809	29	7	2
D810	29	7	2
D811	32	7	4
D813	36	9	1
D823	5	1	8
D824	6	1	8
D826	65	12	9
D828	33	8	1
D832	2	1	1
D835	4	1	4
D838	8	2	1
D841	9	2	3
D842	14	3	1
D846	17	4	1
D848	18	5	1
D849	19	5	2
D851	21	5	4
D852	23	6	1

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D854	24	6	3
D855	28	7	1
D856	29	7	2
D857	30	7	3
D858	31	7	3
D861	33	8	1
D862	34	8	3
D868	37	9	4
D869	38	9	5
D870	39	10	1
D871	58	10	2
D872	59	10	3
D873	59	10	4
D875	64	12	4
D876	66	14	1
D877	66	14	2
E879	66	15	0
E880	66	15	0
E881	66	15	0
E882	66	15	0
E884	67	15	0
E885	67	15	0
E886	67	15	0
D887	36	9	1
D888	28	7	1
D889	28	7	1
D890	28	7	1
D891	29	7	1
D892	30	7	2
D893	30	7	2
D894	30	7	2
D895	30	7	2
D896	18	4	1
E913	67	15	0
D915	61	10	6

**FACILITY PERMIT TO OPERATE
 CONOCOPHILLIPS COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D917	61	10	6
D943	8	2	1
D944	37	9	3
D945	36	9	1
D947	60	10	5
D948	62	10	7
D949	37	9	3
D950	37	9	4
D951	38	9	5
D952	9	2	4
D953	2	1	1
D954	2	1	1
D955	2	1	1
D957	6	1	8

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 2004, 5-11-2001**; RULE 2004, 4-6-2007]

F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[**RULE 431.1, 6-12-1998**]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL NO. H-05-0258. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled.

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

[**40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008**]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008]

[Processes subject to this condition : 7]

P13.2 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]

P18.1 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:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Crude Distillation Unit (Process: 1, System: 1)

Vacuum Flash Unit (Process: 1, System: 4)

Delayed Coking Unit (Process: 2, System: 1)

Coker Blowdown (Process: 2, System: 3)

FCC Feed (Gas Oil) Hydrodesulfurization Unit DHT-3 (Process: 3, System: 1)

FCC Feed (Gas Oil) Hydrodesulfurization Unit 120 (Process: 3, System: 3)

Hydrogen Plant (Process: 4, System: 1)

Gas Production (Process: 5, System: 1, 2, 3, and 4)

Gas and Water Treatment (Process: 6, System: 1, 2, 3, 4, and 5)

Sulfur Recovery Unit No. 1 (Process: 7, System: 1)

Sulfur Recovery Unit No. 2 (Process: 7, System: 2)

Tail Gas (Scot) Unit 2 (Process: 7, System: 4)

Tail Gas (Scot) Unit No. 1 (Process: 7, System: 5)

Crude Oil Tank Car Unloading System (Process: 8, System: 1)

LPG Tank Car Loading and Unloading System (Process: 8, System: 3)

Sour Water Oxidizer (Process: 1, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Processes subject to this condition : 14]

SYSTEM CONDITIONS

S1.1 The operator shall limit the unloading rate to no more than 88000 barrel(s) in any one day.

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

[Systems subject to this condition : Process 8, System 1]

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

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 2.5 lbs/mmscf of hydrogen produced

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

[Systems subject to this condition : Process 4, System 1]

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

[**RULE 1158, 6-11-1999; RULE 1158, 7-11-2008**]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 2, System 4 , 5]

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	463
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 10, System 3]

S13.3 All devices under this system are subject to the applicable requirements of the following rules or regulations:

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

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

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

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 4, System 1]

S13.5 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 1 , 4 , 8; Process 2, System 1 , 3; Process 3, System 1 , 3; Process 4, System 1; Process 5, System 1 , 2 , 3 , 4; Process 6, System 1 , 2 , 3; Process 7, System 4 , 5]

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 9, System 1 , 3 , 4 , 5]

S15.1 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s) located in the Vacuum Flash Unit (Process 1, System 4).

This process/system shall not be operated unless the fuel 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 7 , 8]

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit located in this system.

This process/system shall not be operated unless the sour gas treating unit 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 4; Process 3, System 1 , 3; Process 4, System 1]

S15.3 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 blowdown flare system or flare gas recovery system except Devices IDs D1, D2, D4, D58, D65, D60, D69, D95-D97, D816, D175, D188, D202, D803, D479, D896 that vent to the atmosphere.

This process/system shall not be operated unless the above air pollution control equipment is in full use and has a valid permit to receive vent gases from this system.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1, 4, 7, 8; Process 2, System 3; Process 3, System 1, 3; Process 4, System 1; Process 5, System 2, 3, 4; Process 6, System 1, 2, 3, 4, 5; Process 7, System 1, 2, 4, 5; Process 8, System 1, 3]

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1, 4, 8; Process 2, System 1, 3; Process 3, System 1]

S15.5 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 delayed coking unit heater(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 5, System 4]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 6, System 1 , 4 , 5]

S15.7 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 tail gas treating (SCOT) unit.

This process/system shall not be operated unless the tail gas treating (SCOT) unit 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 1 , 2]

S15.8 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

This process/system shall not be operated unless the incineration 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 4 , 5]

S15.11 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 a flare gas recovery system except device ID's D175, D188, D202, and D896 that vent to atmosphere..

This process/system shall not be operated unless the above air pollution control equipment (consisting of two compressors operating independently or concurrently at any given time) 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 4 , 7 , 8; Process 2, System 3; Process 3, System 1 , 3; Process 4, System 1; Process 5, System 2 , 3 , 4; Process 6, System 1 , 2 , 3 , 4 , 5; Process 7, System 1 , 2 , 4 , 5; Process 8, System 1 , 3]

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases during normal operation shall be directed to the sour gas treating unit located in either the Vacuum Flasher Unit (Process 1, System 4), or the Hydrodesulfurization Unit (Process 3, System 3).

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 14, System 3]

S15.13 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 flare system.

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 14, System 3]

S18.1 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 Unit (Process: 1, System: 1)

Vacuum Flash Unit (Process: 1, System: 4)

Delayed Coking Unit (Process: 2, System: 1)

Coker Blowdown (Process: 2, System: 3)

FCC Feed (Gas Oil) Hydrodesulfurization Unit DHT-3 (Process: 3, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 6, System 3]

S18.2 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:

Sour Water Stripping Unit (Process: 6, System: 1)

Amine Regeneration Units (Process: 6, System: 4 and 5)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 1 , 2]

S18.3 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:

Sulfur Recovery Units 1 & 2 (Process: 7, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 4 , 5]

S18.4 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:

Tail gas treating (SCOT) unit(s) (Process: 7, System: 4 & 5)

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 3]

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 325725:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer. This condition shall not apply to bellow-sealed valves

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except 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), and retrofits with space limitations

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173

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

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG

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

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

The operator shall provide to the District, no later than 60 days after initial startup, a

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

plot plan or process instrumentation of each new valve in VOC service

**[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996;
RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE
1303(b)(2)-Offset, 12-6-2002; 40CFR 60 Subpart GGG, 6-2-2008]**

[Systems subject to this condition : Process 3, System 3]

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 409983:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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, no later than 90 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 reason why bellows seal valves were not used.

The operator shall provide to the District, no later than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All valves shall be bellow-seal valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., Drain valves with stems in the horizontal position), retrofit/special application valves with space limitation, and valves not commercially available. The District shall approve all exceptions to this requirement.

All 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 Reference Method 21.

All valves and new major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 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 components in VOC service, with a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Reference 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

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 (non-bellows seal) valves and flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate of less than 500 ppmv.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repairs, and reinspections, in a manner approved by the District. Records shall be kept and maintained for at least five years, and shall be made available to Executive Officer or his authorized representative upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 7]

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 458382, 458383, 458384, 467378, 467377 and 464152:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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, no later than 90 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, application, and reasons why bellows seal valves were not used.

The operator shall provide to the District, no longer than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new light liquid pumps shall utilize double seals and be connected to a closed vent system.

All compressors shall be equipped with a seal system with a higher pressure barrier fluid.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 1, System 4; Process 2, System 1; Process 3, System 3; Process 14, System 1 , 2 , 3]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 471540:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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, no later than 90 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, application, and reasons why bellows seal valves were not used.

The operator shall provide to the District, no longer than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new light liquid pumps shall utilize double seals and be connected to a closed vent system.

All compressors shall be equipped with a seal system with a higher pressure barrier fluid.

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

[Systems subject to this condition : Process 1, System 1]

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 487403:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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 a safety hazard, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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 liquid organic compounds at a rate more than 500 ppm.

All new components in VOC service, a leak greater than 500 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 7 calendar days of detection or pursuant to Rule 1173 repair period, whichever

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

is more stringent.

The operator shall provide to the District, no later than 90 days after initial startup:

a) 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, application, and reasons why bellows seal valves were not used; and

b) A complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

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.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 3, System 1]

DEVICE CONDITIONS

A. Emission Limits

A26.1 The operator shall comply with the following condition number(s) within 180 days from the EPA's determination on an alternative monitoring plan (AMP).

Condition Number D 232- 1

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : D105]

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
NOX	Less than or equal to 2200 LBS IN ANY ONE DAY

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

[Devices subject to this condition : D210]

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than 10 Percent opacity

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D108, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D123, D124, D125, D126, D952]

A103.1 The operator shall keep materials in all outgoing petroleum coke trucks sufficiently moist to prevent fugitive dust emissions.

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D126]

B. Material/Fuel Type Limits

B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6 psia or greater under actual operating conditions.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D417, D418]

B22.3 The operator shall not use this equipment with materials having a(n) true vapor pressure of 4 psia or greater under actual operating conditions.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D389]

B22.5 The operator shall not use this equipment with materials having a(n) Reid vapor pressure of 7.4 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D402]

B22.6 The operator shall not use this equipment with materials having a(n) true vapor pressure of 3.0 psia or greater under actual operating conditions.

[**RULE 1178, 4-7-2006; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D381]

B61.1 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

The H2S concentration limit shall be based on a rolling 3-hour averaging period

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : D59, D78, D79, D104, D105, D174, D210]

B61.2 The operator shall only use diesel fuel containing the following specified compounds:

Compound	weight percent
Sulfur less than	0.05

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D785, D791, D826]

B61.3 The operator shall only use diesel fuel containing the following specified compounds:

Compound	ppm by weight
Sulfur less than or equal to	15

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1470, 6-1-2007; **RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D785]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the number of turnovers to no more than 57 in any one year.

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

[Devices subject to this condition : D396, D397]

C1.2 The operator shall limit the number of turnovers to no more than 97 in any one year.

[**RULE 1301, 12-7-1995**]

[Devices subject to this condition : D417, D418]

C1.3 The operator shall limit the number of turnovers to no more than 90 in any one year.

[**RULE 1301(b)(1), 12-7-1995**]

[Devices subject to this condition : D353, D370]

C1.5 The operator shall limit the firing rate to no more than 350 MM Btu per hour.

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D59]

C1.6 The operator shall limit the throughput to no more than 24000 gallon(s) per year.

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

[Devices subject to this condition : D761]

C1.7 The operator shall limit the number of turnovers to no more than 82 in any one year.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D389]

C1.9 The operator shall limit the number of turnovers to no more than 365 in any one year.

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

[Devices subject to this condition : D426]

C1.11 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D785]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.12 The operator shall limit the throughput to no more than 1.87714e+07 barrel(s) in any one year.

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

[Devices subject to this condition : D401]

C1.13 The operator shall limit the firing rate to no more than 175 MM Btu per hour.

To comply with this condition, the operator shall monitor and record the flow rates and high heating values of the C3/C4 Merox off gas and refinery fuel gas/natural gas. Such records shall be made available to the District personnel upon request.

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

[Devices subject to this condition : D104, D105]

C1.14 The operator shall limit the number of turnovers to no more than 584 in any one year.

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

[Devices subject to this condition : D420]

C1.15 The operator shall limit the throughput to no more than 8.50e+05 barrel(s) in any one calendar month.

The operator shall install and maintain a gauging system to continuously monitor and record the liquid level in this tank. Records of gauge levels and throughput shall be maintained in a manner approved by the District and made available to the District personnel upon request.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D402]

C1.16 The operator shall limit the throughput to no more than 4.745e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D400]

C1.17 The operator shall limit the throughput to no more than 4.5625e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D394, D395]

C1.18 The operator shall limit the throughput to no more than 219000 barrel(s) in any one year.

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

[Devices subject to this condition : D398, D399]

C1.19 The operator shall limit the throughput to no more than 3000 gallon(s) per month.

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

[Devices subject to this condition : D759]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.20 The operator shall limit the throughput to no more than 2.555e+06 barrel(s) in any one year.

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

[Devices subject to this condition : D372]

C1.22 The operator shall limit the throughput to no more than 193450 barrel(s) in any one calendar month.

The operator shall install and maintain an automatic gauging system to continuously monitor and record the liquid level in this tank. Hourly records of gauge levels and total throughput shall be maintained in a manner approved by the District and made available to the District personnel upon request. During maintenance of the gauging system, liquid levels shall be monitored and recorded manually at each filling interval.

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

[Devices subject to this condition : D381]

C1.26 The operator shall limit the throughput to no more than 2,402,916 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times d \times d \times l$, where d is the diameter of the tank in feet based on the tank strapping chart and l is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

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

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

The operator shall keep adequate records to show compliance with the limitations specified in this permit. Such records shall be maintained and kept on file for at least two years and shall be made available to the executive officer or his authorized representative upon request.

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D378]

- C1.27 The operator shall limit the maintenance testing to no more than 34 hours in any one calendar year.

The purpose(s) of this condition is to ensure compliance with requirements of National Fire Protection Association (NFPA) 25 standards.

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

[RULE 1470(h)(15), 11-3-2006]

[Devices subject to this condition : D785]

- 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 a lower explosive meter to monitor the hydrocarbon concentration.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D372, D388]

- C6.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 140 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the storage tank.

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D398, D399]

- C8.1 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is not less than 10 of the pH scale.

The operator shall determine and record the parameter being monitored once every 24 hours.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : C335]

- C8.4 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1200 Deg F.

This condition shall only apply whenever the incinerator is receiving vent gas from either SCOT Tail Gas Unit.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the firebox or in the ductwork immediately downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 468, 10-8-1976; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : C294]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C8.5 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 430 Deg F.

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

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the catalyst bed.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982; RULE 468, 10-8-1976; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : C292]

C8.6 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 2 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the scrubber.

The operator shall determine and record the parameter being monitored once every 24 hours.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C524, C526, C528]

C8.7 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 9 gpm.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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) flow meter to accurately indicate the flow rate being supplied to the scrubber.

The operator shall determine and record the parameter being monitored once every 24 hours.

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

[Devices subject to this condition : C335]

C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 520 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the firebox or in the ductwork immediately downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

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

This condition shall only apply whenever the incinerator is operating in standby mode and is not receiving vent gas from the SCOT Tail Gas Units.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 468, 10-8-1976; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : C294]

D. Monitoring/Testing Requirements

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.2 The operator shall install and maintain a(n) timer to accurately indicate the elapsed operating time of the engine.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D785]

D12.3 The operator shall install and maintain a(n) thermocouple to accurately indicate the presence of a flame at the pilot light.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 5-16-2007]

[Devices subject to this condition : C465, C469]

D28.16 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 at least once every three years.

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

Source test shall be conducted when this equipment is operating at least 80 percent of the permitted capacity or within a capacity range approved by the District. Report of the test and operating conditions of the equipment shall be submitted to the District within 60 days after the test.

The test shall be conducted to determine and report the concentration of NO_x, corrected to 3 percent oxygen, dry basis..

The test shall be conducted to determine and report the mass emission rate in pound per hour for NO_x, SO_x, ROG, CO, total PM, and PM₁₀, corrected to 3 percent oxygen, dry basis..

The test shall be conducted to determine and report the excess oxygen in percent, dry basis, at the outlet..

The test shall be conducted to determine and report the moisture in percent at the outlet..

The test shall be conducted to determine and report the flue gas flow rate in DSCF per hour at the outlet..

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : D78, D79, D104, D105]

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	District-approved averaging time	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986]

[Devices subject to this condition : D791, D826]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	District-approved averaging time	Outlet
ROG emissions	Approved District method	District-approved averaging time	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D59]

D29.4 The operator shall conduct source test(s) for the pollutant(s) identified below.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	District-approved averaging time	Outlet

The test(s) shall be conducted at least once every three years.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 409, 8-7-1981]

[Devices subject to this condition : C292]

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

[RULE 1301(b)(1), 12-7-1995]

[Devices subject to this condition : D104, D105]

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

SOX concentration in ppmv

Concentrations shall be corrected to zero percent excess air on a dry basis.

Oxygen concentration in percent volume

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : C292, C294]

D90.1 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA, to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C434, C435]

D90.5 The operator shall periodically monitor the hydrocarbon concentration at the inlet of the first, inlet of the second, and the outlet of the second carbon canister according to the following specifications:

The operator shall use a diffusion sensor, or a flame-ionization system, or an infra-red ionization system, or an ultra-violet ionization system to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

The operator shall monitor once every day.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : C427]

D90.6 The operator shall continuously monitor the H₂S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

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

The operator may monitor the H₂S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H₂S in the fuel gas being burned in this device.

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D59, D78, D79, D104, D105, D174, D210]

D90.10 The operator shall periodically monitor the VOC concentration at the outlet of the carbon canister according to the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall monitor once every day.

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA to monitor the parameter.

As an alternative to the above test methods, the Grab Sample method as described in Rule 1176, Attachment A, may be used for monitoring VOC.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C523, C525, C527]

D90.11 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C484]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D232.1 The operator shall install and maintain a continuous emission monitoring device to accurately indicate the H₂S concentration at the fuel gas inlet to the combustion device pursuant to 40CFR60 Subpart J. Compliance with the fuel gas H₂S concentration can alternately be determined by measuring the SO₂ emissions at the outlet of the device and complying with the 20 ppmv (dry basis, zero percent excess air) SO₂ limit allowed by 40CFR60 Subpart J. The measurement may be performed at a single device that shares common source of the fuel gas..

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D78, D79, D104, D105]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D108, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D123, D124, D125, D126]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an semiannual basis, at least, unless the equipment did not operate during the entire semiannual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : C465, C469, D796, D797, D798, D799]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the CO emission limit(s). 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 : D59, D174, D210, C292, C294, D429]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461 conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005; RULE 461,
3-7-2008]**

[Devices subject to this condition : D760]

E. Equipment Operation/Construction Requirements

E71.1 The operator shall not use this equipment to store anhydrous ammonia unless the pressure relief valve is set at 265 psig or higher.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1301(b)(1), 12-7-1995]

[Devices subject to this condition : D915]

- E71.2 The operator shall not use this equipment to store aqueous ammonia unless the pressure relief valves are set at 50 psig or higher and the rupture disks are set at 45 psig or higher.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D917]

- E124.1 The operator shall regularly wash exterior conveyors and return belts, overhead structures and the ground area down to the coke laden water return system to avoid accumulation of coke dust.

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D108, D109, D110, D111, D112, D115, D116, D117, D118, D119, D120, D123, D124, D125]

- E125.1 The operator shall drive all the outgoing petroleum coke trucks, whether filled or empty, through the truck wash system in order to thoroughly wash any residual coke off the exterior of the trucks.

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D124, D125, D126]

- E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C427, C434, C435, C484, C523, C525, C527]

E134.1 The operator shall maintain a layer of diesel oil at least 12" high on top of the ammonium polysulfide in this equipment.

[RULE 1301(b)(1), 12-7-1995]

[Devices subject to this condition : D86]

E136.1 The operator shall store all coke in the coke building and shall keep all coke in closed storage.

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D113]

E137.1 The operator shall treat petroleum coke storage pile and petroleum coke with dust suppressant agents such as sealants, and wetting and moisture retention solutions, as needed, to prevent any air borne dust emissions at all times.

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Devices subject to this condition : D113]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 12-6-2002]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D917]

E153.1 The operator shall change over the spent carbon with fresh activated carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the carbon canister. (The 500 ppmv refers to VOCs).

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C484]

E153.2 The operator shall change over the spent carbon with fresh activated carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the carbon canister. (The 500 ppmv refers to VOCs).

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C434, C435, C523, C525, C527]

E153.3 The operator shall change over the spent carbon with fresh activated carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the carbon canister. (The 500 ppmv refers to VOCs).

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : C427]

E193.4 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Section 60.18 of the 40CFR60 Subpart A

[40CFR 60 Subpart A, 5-16-2007]

[Devices subject to this condition : C465, C469]

E193.5 The operator shall locate and operate this equipment according to the following specifications:

The operator shall not use this equipment with materials having a true vapor pressure of 3 psia or greater measured at 70 degrees F

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

[Devices subject to this condition : D401]

E336.1 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be vented to the air blower for the thermal reactor (D242).

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C252]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E336.2 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be vented to the air blower for the thermal reactor (D275).

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C282]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009]

[Devices subject to this condition : D841, D846, D848, D849, D852, D854, D855, D856, D857, D858, D861, D862, D868, D869, D870, D871, D872, D873, D875, D876, D877, D944, D945, D946, D947, D948]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D353]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D365, D366, D367, D369, D373, D374, D376, D377, D384, D389, D404, D410, D417, D418]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	K

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; 40CFR 60 Subpart K, 10-17-2000]

[Devices subject to this condition : D394, D395, D396, D397]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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]

[Devices subject to this condition : D378, D426]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : D59, D78, D79, D174, D210, C292, C294]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E879, E880]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E881]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E886]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	465
Sulfur compounds	District Rule	465

[RULE 465, 8-13-1999]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D65]

H23.12 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D222, D223, D242, D275, D380, D407, D408, D411, D412]

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ

[40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D349, D382, D401, D408, D411, D412, D414, D415, D949, D950, D951]

H23.15 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	40CFR60, SUBPART	Ka

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

VOC | District Rule | 1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 463, 5-6-2005; 40CFR 60 Subpart Ka, 12-14-2000]

[Devices subject to this condition : D362]

H23.16 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Ka

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; 40CFR 60 Subpart Ka, 12-14-2000]

[Devices subject to this condition : D400, D402, D420]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Kb

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; 40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D380, D381, D401, D407, D408, D411, D412, D413]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : E884]

H23.20 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411
Refrigerants	40CFR82, SUBPART	B

[RULE 1411, 3-1-1991; 40CFR 89 Subpart B, 7-1-2000]

[Devices subject to this condition : E882]

H23.21 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E913]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.22 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]

[Devices subject to this condition : D472, D832, D835, D841, D842, D848, D851, D852, D854, D855, D856, D857, D858, D957]

H23.23 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
Benzene	40CFR61, SUBPART	FF

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D382, D414, D415]

H23.24 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	40CFR60, SUBPART	Ka
Benzene	40CFR61, SUBPART	FF

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; 40CFR 60 Subpart Ka, 12-14-2000;
 40CFR 61 Subpart FF, 12-4-2003]**

[Devices subject to this condition : D398, D399]

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D785]

H23.27 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

Upon EPA's approval of the alternative monitoring plan (AMP) submitted on March 30, 2005 for measuring H2S concentration in the fuel gas consumed by the combustion devices, all devices subject to this condition shall become "affected facilities" as defined in 40CFR60 New Source Performance Standards.

**[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258,
 8-11-2008]**

[Devices subject to this condition : D104, D105]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H23.28 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	407

The CO emission limit of this rule applies during all non-emergency operating periods including planned startup and shutdown of the hydrogen plant.

[RULE 407, 4-2-1982]

[Devices subject to this condition : D175, D176, D179, D188, D194, D202, D896]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C465, C469]

H23.31 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1110.2
CO	District Rule	1110.2

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D785]

H23.32 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1110.2
CO	District Rule	1110.2

The equipment is subject to the portable engine requirements of Rule 1110.2.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D791, D826]

H23.36 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	GGGa

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

[Devices subject to this condition : D838]

H116.1 The operator shall terminate the operation of this equipment in order to comply with District Rule 402 whenever the District determine that the equipment is creating nuisance.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 402, 5-7-1976]

[Devices subject to this condition : C434, C435]

I. Administrative

- II.1 The operator shall comply with all the requirements of the conditions and compliance schedule as specified in the variance dated May 8, 2007, Case No. 4900-80 in accordance with the Findings and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).

[RULE 1118, 11-4-2005; RULE 3004(a)(10)(C), 12-12-1997]

[Devices subject to this condition : C465, C469]

J. Rule 461

- J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : D759]

- J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 461, 6-3-2005**; RULE 461, 3-7-2008]

[Devices subject to this condition : D760]

K. Record Keeping/Reporting

- K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

An engine operating log shall be maintained which on a monthly basis shall include manual and automatic operation and shall list all engine operations in each of the following areas:

- A. Emergency use hours of operation
- B. Maintenance and testing hours
- C. Other operating hours (describe the reason for operation)

In addition, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation. The log shall be kept for a minimum of three calendar years prior to the current year and made available to the District personnel upon request. The total hours of operation for the previous calendar year shall be recorded sometime during the first 15 days of January of each year.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007;
RULE 2012, 5-6-2005]**

[Devices subject to this condition : D785]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

**[RULE 1178, 4-7-2006; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463,
5-6-2005]**

[Devices subject to this condition : D362, D363, D365, D366, D367, D369, D373, D374, D376, D377, D379, D380, D381, D382, D384, D388, D404, D407, D408, D409, D410, D411, D412, D413, D414, D415, D416, D419]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 1113, 7-13-2007; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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 : E885]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels.

Commodity stored and its storage time period.

True vapor pressure, in psia at actual temperature, of each commodity stored.

Hydrocarbon concentration measurements of the vapor space above the floating roof of the tank.

Other records that are required to comply with the applicable requirements of Rules 463(d), 1149, 1178, and 40CFR63 Subpart CC.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 63 Subpart CC, 6-23-2003]

[Devices subject to this condition : D378]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

An engine operating log shall be maintained which on a quarterly basis shall include manual and automatic operation and shall list all engine operations in each of the following areas:

- A. Total hours of operation
- B. Type of liquid and/or type of gaseous fuel
- C. Fuel consumption (cubic feet of gas or gallons of liquid)

The log shall be kept for a minimum of five calendar years prior to the current year and made available to the District personnel upon request.

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D791, D826]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE DISTILLATION					P13.2
System 2: CRUDE DISTILLATION UNIT HEATERS					
HEATER, CRUDE OIL, DU-255, REFINERY/NATURAL GAS, WITH OPTIONAL STEAM INJECTION, WITH LOW NOX BURNER, 350 MMBTU/HR WITH A/N: 384792 Permit to Construct Issued: 07/11/01 BURNER, 36 BURNERS, REFINERY/NATURAL GAS, CALLIDUS TECHNOLOGIES INC., MODEL LE-CSG-10W, 9.72 MMBTU/HR EACH, WITH LOW NOX BURNER	D59		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 10.4 LBS/HR (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5B) [RULE 409, 8-7-1981]; PM: 5.44 LBS/HR (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; ROG: 1.81 LBS/HR (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]	A305.1, B61.1, C1.10, D12.4, D28.9, D29.2, D90.6, D328.1, H23.6
System 4: VACUUM FLASH UNIT					S13.5, S15.2, S15.3, S15.4, S15.11, S31.3
TANK, SURGE, V-2250, SR RESIDUE, WITH NATURAL GAS BLANKETING, HEIGHT: 27 FT 6 IN; DIAMETER: 16 FT 3 IN A/N: 472815 Permit to Construct Issued: 12/04/07	D64				

- * (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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE DISTILLATION					P13.2
ACCUMULATOR, V-2251, FLASHER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 9 FT A/N: 472815 Permit to Construct Issued: 12/04/07	D65				H23.10
KNOCK OUT POT, STEAM AIR DECOKING QUENCH, V-2253, HEIGHT: 7 FT 8 IN; DIAMETER: 4 FT A/N: 472815 Permit to Construct Issued: 12/04/07	D66				
COLUMN, FLASHER, FR-1, HEIGHT: 127 FT ; DIAMETER: 23 FT 6 IN A/N: 472815 Permit to Construct Issued: 12/04/07	D69				
SCRUBBER, DEA, FR-2, VENT GAS A/N: 472815 Permit to Construct Issued: 12/04/07	D70				
COMPRESSOR, FR-501, VENT GAS A/N: 472815 Permit to Construct Issued: 12/04/07	D77				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 472815 Permit to Construct Issued: 12/04/07	D835			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 7: BRINE FLASH STRIPPER (BENZENE STRIPPER)					S15.1, S15.3, S15.11, S31.2
VESSEL, DU-301, BRINE FLASH STRIPPER, HEIGHT: 24 FT ; DIAMETER: 6 FT A/N: 409983 Permit to Construct Issued: 03/09/04	D919			HAP: (10) [40CFR 63 Subpart CC, #4, 6-23-2003]	H23.12

- * (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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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: CRUDE DISTILLATION					P13.2
VESSEL, V-3152, STRIPPER OVERHEAD ACCUMULATOR, LENGTH: 14 FT ; DIAMETER: 4 FT 6 IN A/N: 409983 Permit to Construct Issued: 03/09/04	D920				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 409983 Permit to Construct Issued: 03/09/04	D834			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
Process 3: HYDROTREATING					P13.2
System 1: FCC FEED (GAS OIL) HYDRODESULFURIZATION UNIT DHT-3					S13.5, S15.2, S15.3, S15.4, S15.11, S31.5
COLUMN, PRODUCT STRIPPER, DH-280, HEIGHT: 60 FT ; DIAMETER: 6 FT 6 IN A/N: 487403 Permit to Construct Issued: 05/12/09	D127				
ABSORBER, DEA, HP-275, HEIGHT: 80 FT ; DIAMETER: 5 FT 7 IN A/N: 487403 Permit to Construct Issued: 05/12/09	D128				
ABSORBER, DEA, HP-276, HEIGHT: 25 FT ; DIAMETER: 2 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D129				
TANK, SURGE, V-1084, WASH WATER, HEIGHT: 12 FT ; DIAMETER: 5 FT 6 IN A/N: 487403 Permit to Construct Issued: 05/12/09	D130				

- * (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

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
TANK, SURGE, V-2522, RECYCLE GAS, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D131				
TANK, SURGE, V-2555, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D136				
REACTOR, NO.1, V-2556, HEIGHT: 14 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D137				
REACTOR, NO. 2, V-2557, HEIGHT: 14 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D138				
REACTOR, NO. 3, V-2558, HEIGHT: 24 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D139				
REACTOR, NO. 4, V-2559, HEIGHT: 34 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D140				
REACTOR, NO. 5, V-2560, HEIGHT: 44 FT ; DIAMETER: 10 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D141				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
VESSEL, SEPARATOR, HIGH PRESSURE AND HIGH TEMPERATURE, V-2561, HEIGHT: 30 FT ; DIAMETER: 9 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D142				
VESSEL, SEPARATOR, LOW PRESSURE AND HIGH TEMPERATURE, V-2562, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D143				
VESSEL, SEPARATOR, HIGH PRESSURE AND LOW TEMPERATURE, V-2563, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D144				
VESSEL, SEPARATOR, LOW PRESSURE AND LOW TEMPERATURE, V-2564, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D145				
VESSEL, FILTER, V-3032, HEIGHT: 18 FT ; DIAMETER: 7 FT 6 IN A/N: 487403 Permit to Construct Issued: 05/12/09	D964				
VESSEL, FILTER, V-3033, HEIGHT: 18 FT ; DIAMETER: 7 FT 6 IN A/N: 487403 Permit to Construct Issued: 05/12/09	D965				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
ACCUMULATOR, V-2565, STRIPPER OVERHEAD, HEIGHT: 30 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D146				
KNOCK OUT POT, DECOKING, V-2569, HEIGHT: 10 FT ; DIAMETER: 6 FT A/N: 487403 Permit to Construct Issued: 05/12/09	D148				
COMPRESSOR, HP-559, STRIPPER VENT GAS A/N: 487403 Permit to Construct Issued: 05/12/09	D169				
COMPRESSOR, HP-560, STRIPPER VENT GAS A/N: 487403 Permit to Construct Issued: 05/12/09	D170				
COMPRESSOR, HP-558, RECYCLE GAS A/N: 487403 Permit to Construct Issued: 05/12/09	D800				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 487403 Permit to Construct Issued: 05/12/09	D842			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 3: FCC FEED (GAS OIL) HYDRODESULFURIZATION UNIT 120					S13.5, S15.2, S15.3, S15.11, S31.1, S31.3
TANK, SURGE, 120-V-1, FEED, HEIGHT: 20 FT ; DIAMETER: 10 FT 6 IN A/N: 467377 Permit to Construct Issued: 03/25/10	D721				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
REACTOR, UNIONFINER A, 120-V-2A, HEIGHT: 55 FT 6 IN; DIAMETER: 8 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D722				
REACTOR, UNIONFINER B, 120-V-2B, HEIGHT: 49 FT 3 IN; DIAMETER: 8 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D723				
REACTOR, UNIONFINER GUARD C, 120-V-11, HEIGHT: 65 FT ; DIAMETER: 8 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D724				
VESSEL, SEPARATOR, HOT HIGH PRESSURE, 120-V-3, HEIGHT: 13 FT ; DIAMETER: 5 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D725				
TANK, SURGE, 120-V-30, WASH WATER, HEIGHT: 12 FT ; DIAMETER: 8 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D726				
TANK, HOLDING, 120-V-12, WASH WATER, HEIGHT: 9 FT ; DIAMETER: 4 FT 6 IN A/N: 467377 Permit to Construct Issued: 03/25/10	D727				

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
CARBON ADSORBER, 120-ME-3A/B, ACTIVATED CARBON, TWO IN PARALLEL (ONE SPARE), 55-GALLON CANISTER EACH A/N: 467377 Permit to Construct Issued: 03/25/10	C728	D816			D90.2, E128.1, E153.2, H23.11
FILTER, 120-ME-4, FEED A/N: 467377 Permit to Construct Issued: 03/25/10	D814				
VESSEL, SEPARATOR, COLD HIGH PRESSURE, 120-V-5, HEIGHT: 27 FT ; DIAMETER: 3 FT 6 IN A/N: 467377 Permit to Construct Issued: 03/25/10	D730				
TANK, DEGASSING, 120-V-17, SOUR WATER, HEIGHT: 19 FT ; DIAMETER: 5 FT 6 IN A/N: 467377 Permit to Construct Issued: 03/25/10	D731				
EJECTOR, UNIONFINER EVACUATION, 120-EJ-1 A/N: 467377 Permit to Construct Issued: 03/25/10	D732				
TANK, SURGE, 120-V-13, LOW PRESSURE FEED, HEIGHT: 14 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 467377 Permit to Construct Issued: 03/25/10	D733				
VESSEL, SEPARATOR, 120-V-4, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D734				

- * (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.)
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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
COLUMN, STABILIZER, 120-V-8, HEIGHT: 54 FT ; DIAMETER: 5 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D735				
VESSEL, SEPARATOR, COLD LOW PRESSURE, 120-V-6, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D736				
COMPRESSOR, HYDROGEN RECYCLE, 120-C-1A A/N: 467377 Permit to Construct Issued: 03/25/10	D738				H23.22
COMPRESSOR, HYDROGEN RECYCLE, 120-C-1B A/N: 467377 Permit to Construct Issued: 03/25/10	D740				H23.22
KNOCK OUT POT, 120-V-14, DEA CONTACTOR FEED, HEIGHT: 8 FT 6 IN; DIAMETER: 2 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D741				
VESSEL, CONTACTOR, DEA, 120-V-15, HEIGHT: 54 FT 6 IN; DIAMETER: 4 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D742				
COMPRESSOR, 120-C-2A, MAKEUP HYDROGEN/OFFGAS A/N: 467377 Permit to Construct Issued: 03/25/10	D748				H23.22

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: HYDROTREATING					P13.2
COMPRESSOR, 120-C-2B, MAKEUP HYDROGEN/OFFGAS A/N: 467377 Permit to Construct Issued: 03/25/10	D749				H23.22
TANK, HOLDING, (SUMP), 120-V-23, GRAVITY DRAIN, HEIGHT: 10 FT ; DIAMETER: 5 FT A/N: 467377 Permit to Construct Issued: 03/25/10	D816	C728		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.11
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 467377 Permit to Construct Issued: 03/25/10	D844			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22
System 4: FCC FEED (GAS OIL) HYDRODESULFURIZATION UNIT 120 HEATER					

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: HYDROGEN PRODUCTION					P13.2
System 2: HYDROGEN PLANT HEATER					
HEATER, STEAM REFORMING, HP-38, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, 340 MMBTU/HR WITH A/N: 360819 Permit to Construct Issued: 02/25/00 BURNER, 128 BURNERS, REFINERY/NATURAL GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CFSG-3W, WITH LOW NOX BURNER	D210		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, C1.8, D90.6, D328.1, H23.6
Process 9: WASTEWATER TREATMENT					P13.2
System 1: STORM/PROCESS UNIT WASTEWATER TREATMENT					S13.6
OIL WATER SEPARATOR, NO. 1, OIL/WATER, WITH A FIXED COVER A/N: 325732 † Permit to Construct Issued: 08/31/95	D336	C719		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.13
SCRUBBER, PACKED COLUMN WITH PALL RINGS, WATER OR WASTEWATER (ONCE THROUGH), HEIGHT: 8 FT ; DIAMETER: 4 IN A/N: 325732 † Permit to Construct Issued: 08/31/95	C719	D336 C519			C8.6
OIL WATER SEPARATOR, NO. 2, OIL/WATER, WITH A FIXED COVER A/N: 325732 † Permit to Construct Issued: 08/31/95	D337	C720		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.13

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
|--|--|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: WASTEWATER TREATMENT					P13.2
SCRUBBER, PACKED COLUMN WITH PALL RINGS, WATER OR WASTEWATER (ONCE THROUGH), HEIGHT: 8 FT ; DIAMETER: 4 IN A/N: 325732 † Permit to Construct Issued: 08/31/95	C720	D337 C520			C8.6
SUMP, PUMP STRUCTURE, NO. 3, STORM/PROCESS WATER, CONCRETE WITH FIXED COVER AND FLAME ARRESTOR A/N: 325732 † Permit to Construct Issued: 08/31/95	D338	C521 D773		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 60 Subpart QQQ, 10-17-2000]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.13
SUMP, OIL AND WATER, FIXED COVER, WIDTH: 5 FT ; DEPTH: 6 FT 7 IN; LENGTH: 10 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D339				H23.13
SUMP, PROCESS WATER, CONCRETE WITH OPEN TOP, WIDTH: 15 FT ; DEPTH: 8 FT 6 IN; LENGTH: 15 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D340				
SUMP, STORM WATER, CONCRETE WITH OPEN TOP, WIDTH: 15 FT ; DEPTH: 8 FT 6 IN; LENGTH: 20 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D341				
TANK, AIR FLOATATION, TK-1601, PROCESS WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D342	C517		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	

- * (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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: WASTEWATER TREATMENT					P13.2
TANK, AIR FLOATATION, TK-1602, PROCESS WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D344	C517		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
RESERVOIR, STORM WATER, WITH A 21 FT. DIKE, 193000 BBL A/N: 325732 † Permit to Construct Issued: 08/31/95	D345				
SCREEN, CLASSIFYING, STEEL BAR TYPE, DR-4201, HEIGHT: 4 FT, WIDTH: 3 FT, MANUALLY CLEANED A/N: 325732 † Permit to Construct Issued: 08/31/95	D346				
CARBON ADSORBER, (THREE IN PARALLEL), ACTIVATED CARBON, 150 LBS A/N: 325732 † Permit to Construct Issued: 08/31/95	C517	D342 D344			D90.1, E128.1, E153.2
CARBON ADSORBER, ACTIVATED CARBON, 150 LBS A/N: 325732 † Permit to Construct Issued: 08/31/95	C519	C719			D90.3, E128.1, E153.2
CARBON ADSORBER, ACTIVATED CARBON, 150 LBS A/N: 325732 † Permit to Construct Issued: 08/31/95	C520	C720			D90.3, E128.1, E153.2
TANK, AIR FLOATATION, TK-1603, STORM WATER, FIXED ROOF, HEIGHT: 16 FT ; DIAMETER: 26 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D813				

- * (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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: WASTEWATER TREATMENT					P13.2
SUMP, API INLET BOX, STORM/PROCESS WASTEWATER, CONCRETE, FIXED COVER, WITH VAPOR PATH COMMON TO INLET CHANNEL&PUMP STRUCTURE A/N: 325732 † Permit to Construct Issued: 08/31/95	D773	D338 C521		HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.13
SCREEN, CLASSIFYING, WIRE MESH TYPE, 1-1/2 INCH OPENINGS, HEIGHT: 4 FT; WIDTH: 3 FT, MANUALLY CLEANED A/N: 325732 † Permit to Construct Issued: 08/31/95	D774				
SCREEN, CLASSIFYING, WIRE MESH TYPE, 1-1/2 INCH OPENINGS, HEIGHT: 2 FT 8 IN; WIDTH: 3 FT 4-1/2 IN, MANUALLY CLEANED A/N: 325732 † Permit to Construct Issued: 08/31/95	D775				
TANK, FIXED ROOF, TK-2529, API SLUDGE, 143 BBL; DIAMETER: 10 FT ; HEIGHT: 11 FT A/N: 325732 † Permit to Construct Issued: 08/31/95	D829	C830		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
CARBON ADSORBER, ACTIVATED CARBON, 2 TOTAL IN SERIES, 150 LBS A/N: 325732 † Permit to Construct Issued: 08/31/95	C830	D829		VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	D90.3, E128.1, E153.2
DRAIN SYSTEM COMPONENT A/N: 325732 † Permit to Construct Issued: 08/31/95	D887			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	H23.13

- * (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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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: WASTEWATER TREATMENT					P13.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 325732 † Permit to Construct Issued: 08/31/95	D945				H23.1
System 2: AIR POLLUTION CONTROL SYSTEM					
CARBON ADSORBER, TWO TOTAL (ONE STANDBY), 1000 LBS EACH, MULTIPLE SOURCES, ACTIVATED CARBON, ALSO CONTROLS VAPORS FROM API INLET BOX, INLET AND OUTLET CHANNELS A/N: 325734 † Permit to Construct Issued: 06/07/95	C521	D338 D773			D90.3, D94.1, E128.1, E153.2
Process 10: STORAGE TANKS					P13.2
System 7: DOMED EXTERNAL FLOATING ROOF TANKS					

- * (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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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 10: STORAGE TANKS					P13.2
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 2625, GAS OIL, 180000 BBL; DIAMETER: 165 FT ; HEIGHT: 48 FT WITH A/N: 472048 Permit to Construct Issued: 07/29/08 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH WIPER, UNSLOTTED	D958			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	B22.7, C1.28, H23.33, K67.9
Process 11: STEAM GENERATION					
System 1: BOILERS					

- | | |
|---|---|
| <p>* (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</p> | <p>(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</p> |
|---|---|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 11: STEAM GENERATION					
BOILER, NO. 10, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 352 MMBTU/HR WITH A/N: 458829 Permit to Construct Issued: 10/12/06 BURNER, 4 BURNERS, 88 MMBTU/HR EACH, REFINERY/NATURAL GAS, COEN COMPANY, MODEL DELTA POWER II-27	D429	C921	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.1, B61.1, C1.21, D12.5, D28.14, D90.6, D328.1, E73.2, H23.6
SELECTIVE CATALYTIC REDUCTION, CORMETECH HONEYCOMB TYPE CATALYST, 8.1 CUBIC METER, WITH 0-5% VANADIUM PENTOXIDE A/N: 458831 Permit to Construct Issued: 10/12/06	C921	D429		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D28.14, D82.3
BOILER, NO. 11, REFINERY/NATURAL GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 352 MMBTU/HR WITH A/N: 405663 Permit to Construct Issued: 03/18/03 BURNER, 4 BURNERS, REFINERY/NATURAL GAS, COEN COMPANY, MODEL DELTA POWER II-27, 88 MMBTU/HR EACH, WITH LOW NOX BURNER	D430		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV REFINERY/NATURAL GAS (5) [RULE 407, 4-2-1982]; PM: 0.1 GRAINS/SCF REFINERY/NATURAL GAS (5) [RULE 409, 8-7-1981]	B61.1, C1.21, D12.5, D28.13, D90.6, D328.1, E73.1, H23.6

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 |
|--|--|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: MISCELLANEOUS					
System 6: WILMINGTON EXTRACTION WELL					
KNOCK OUT POT, OIL, (110 IDENTICAL POTS), HEIGHT: 3 FT 4 IN; DIAMETER: 6 IN A/N: 325736 † Permit to Construct Issued: 12/11/91	D533	C538			
KNOCK OUT POT, PRODUCT VENT, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 325736 † Permit to Construct Issued: 12/11/91	D534	C538			
KNOCK OUT POT, OIL, HEIGHT: 4 FT ; DIAMETER: 1 FT 6 IN A/N: 325736 † Permit to Construct Issued: 12/11/91	D535	C538			
PULSATING DAMPER A/N: 325736 † Permit to Construct Issued: 12/11/91	D536	C538			
AFTERBURNER, NATURAL GAS, WELL GAS, 3.6 MMBTU/HR A/N: 325736 † Permit to Construct Issued: 12/11/91	C538	D533 D534 D535 D536	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B61.1, C6.2, C8.2, D28.2, D90.6, D332.1, E193.2, H23.34, K67.1
System 8: EMERGENCY IC ENGINES					

- * (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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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSL9-G2, FOUR CYCLES, SIX CYLINDER, WITH TURBOCHARGER AND AFTERCOOLER, 325 BHP WITH A/N: 457044 Permit to Construct Issued: 08/17/06	D930		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 4.8 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; RULE 1470, 6-1-2007]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.3, C1.24, C1.25, E71.4, E116.1, E193.6, H23.26, H23.31, K67.6, K67.7
GENERATOR, ELECTRICAL POWER, CUMMINS, MODEL 200DSHAC, 200 KW	D931				
FILTER, DIESEL PARTICULATE FILTER, CLEANAIR SYSTEMS, INC., MODEL PERMIT CA180W4CN40, WITH A HIBACK DATA LOGGING AND ALARM SYSTEM	C932				

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| <p>* (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</p> | <p>(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</p> |
|---|---|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL CFP9E-F40, SIX CYLINDER, WITH TURBOCHARGER AND AFTERCOOLER, 327 BHP A/N: 498235 Permit to Construct Issued: 08/19/09	D966		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; NOX: 132 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.3, C1.24, C1.25, C1.29, H23.35, I296.1, K67.10

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|---|---|
| <p>* (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</p> | <p>(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</p> |
|---|---|

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL CFP9E-F40, SIX CYLINDER, WITH TURBOCHARGER AND AFTERCOOLER, 327 BHP A/N: 498236 Permit to Construct Issued: 08/19/09	D968		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; NOX: 132 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; SOX: 6.24 LBS/1000 GAL DIESEL (1) [RULE 2011, 5-6-2005]	B61.3, C1.24, C1.25, C1.29, H23.35, I296.1, K67.10
System 10: SOIL VAPOR EXTRACTION AND CONTROL SYSTEM					

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|---|---|
| <p>* (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</p> | <p>(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</p> |
|---|---|

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

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: MISCELLANEOUS					
OXIDIZER, THERMAL, ENVENT CORPORATION, MODEL ESVE 1000, SERIAL NO. BF 572, NATURAL GAS, FOR NON-HALOGENATED HC IN-SITU SOIL REMEDIATION ONLY, W/ FULLY MODUL. TEMP CNTRL, 6 MMBTU/HR WITH A/N: 475763 Permit to Construct Issued: 04/30/08 VAPOR EXTRACTION WELL KNOCKOUT BOX, WATER, FOR VAPOR EXTRACTION WELLS AND DUCTS BLOWER, EXTRACTION, MAXIMUM FLOW RATE OF 1,000 SCFM, 30 HP COMPARTMENT, FOR OPTIONAL PLATINUM CATALYST ON SS, 1.6 CUBIC FEET OF ACTIVE VOLUME, TO CONVERT THE OXIDIZER FROM THERMAL TO CATALYTIC OPERATION	C925		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 32 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.3, A63.4, B163.1, C1.23, C8.9, C8.10, D29.3, D90.9, D332.1, E71.3, E190.1, E202.1, E223.1, E336.3, H23.30
Process 14: AIR POLLUTION CONTROL					P18.1
System 1: EAST FLARE SYSTEM					S31.3

- * (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.

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FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 14: AIR POLLUTION CONTROL					P18.1
FLARE, ELEVATED WITH STEAM INJECTION, SA-4, WITH A JOHN ZINK FLARE TIP AND FOUR CONTINUOUS PILOT BURNERS, HEIGHT: 175 FT ; DIAMETER: 3 FT A/N: 458382 Permit to Construct Issued: 03/25/10	C465	D422 D423 D424 D425 D449 D466 D753			D12.3, D323.2, E193.4, H23.29, I1.1
VESSEL, WATER SEAL, V-3163, HEIGHT: 19 FT 6 IN; DIAMETER: 12 FT 6 IN A/N: 458382 Permit to Construct Issued: 03/25/10	D933				
TANK, HOLDING, V-3164, WATER SEAL OVERFLOW, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 458382 Permit to Construct Issued: 03/25/10	D937				
KNOCK OUT POT, V-2254 A/N: 458382 Permit to Construct Issued: 03/25/10	D466	C465 D938 D939			
KNOCK OUT POT, V-3052 A/N: 458382 Permit to Construct Issued: 03/25/10	D467				
KNOCK OUT POT, V-3053 A/N: 458382 Permit to Construct Issued: 03/25/10	D468				
KNOCK OUT POT, F-307, HEIGHT: 17 FT ; DIAMETER: 6 FT 6 IN A/N: 458382 Permit to Construct Issued: 03/25/10	D753	C465 D938 D939			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458382 Permit to Construct Issued: 03/25/10	D876			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1

- * (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

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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 14: AIR POLLUTION CONTROL					P18.1
System 2: WEST FLARE SYSTEM					S31.3
FLARE, SA-6, WITH A JOHN ZINK FLARE TIP, THREE AUTOMATIC STEAM SUPPLY CONTROLS, A VAPOR SEAL, HEIGHT: 175 FT ; DIAMETER: 2 FT 6 IN A/N: 458383 Permit to Construct Issued: 03/25/10	C469	D754 D755 D756			D12.3, D323.2, E193.4, H23.29, I1.1
KNOCK OUT POT, V-2540 A/N: 458383 Permit to Construct Issued: 03/25/10	D470	C469			
KNOCK OUT POT, 120-V-22, HEIGHT: 20 FT ; DIAMETER: 12 FT A/N: 458383 Permit to Construct Issued: 03/25/10	D754	C469 D938 D939			E193.3, E204.1
VESSEL, WATER SEAL, 120-V-32, HEIGHT: 18 FT ; DIAMETER: 11 FT 11 IN A/N: 458383 Permit to Construct Issued: 03/25/10	D755	C469			
TANK, HOLDING, 120-V-34, WATER SEAL OVERFLOW, 4800 GALS; DIAMETER: 4 FT 6 IN; LENGTH: 10 FT A/N: 458383 Permit to Construct Issued: 03/25/10	D756	C469			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458383 Permit to Construct Issued: 03/25/10	D877			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.1
System 3: FLARE GAS RECOVERY SYSTEM					S15.12, S15.13, S31.3

- * (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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

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	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 14: AIR POLLUTION CONTROL					P18.1
COMPRESSOR, C-3016, LIQUID RING, DUAL SEALS WITH BARRIER FLUID SYSTEM, 900 CU.FT./MIN A/N: 458384 Permit to Construct Issued: 06/07/07	D938	D422 D423 D424 D425 D449 D466 D753 D754			E73.3, H23.22
COMPRESSOR, C-3017, LIQUID RING, DUAL SEALS WITH BARRIER FLUID SYSTEM, 900 CU.FT./MIN A/N: 458384 Permit to Construct Issued: 06/07/07	D939	D422 D423 D424 D425 D449 D466 D753 D754			E73.3, H23.22
KNOCK OUT POT, V-3166, COMPRESSOR DISCHARGE, LENGTH: 18 FT ; DIAMETER: 6 FT 6 IN A/N: 458384 Permit to Construct Issued: 06/07/07	D940				
KNOCK OUT POT, V-3168, SCRUBBER INLET, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 458384 Permit to Construct Issued: 06/07/07	D941				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458384 Permit to Construct Issued: 06/07/07	D942			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.22

- * (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.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D59	1	1	2
D64	1	1	4
D65	2	1	4
D66	2	1	4
D69	2	1	4
D70	2	1	4
D77	2	1	4
D127	3	3	1
D128	3	3	1
D129	3	3	1
D130	3	3	1
D131	4	3	1
D136	4	3	1
D137	4	3	1
D138	4	3	1
D139	4	3	1
D140	4	3	1
D141	4	3	1
D142	5	3	1
D143	5	3	1
D144	5	3	1
D145	5	3	1
D146	6	3	1
D148	6	3	1
D169	6	3	1
D170	6	3	1
D210	12	4	2
D336	12	9	1
D337	12	9	1
D338	13	9	1
D339	13	9	1
D340	13	9	1
D341	13	9	1
D342	13	9	1

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D344	14	9	1
D345	14	9	1
D346	14	9	1
D429	18	11	1
D430	18	11	1
C465	24	14	1
D466	24	14	1
D467	24	14	1
D468	24	14	1
C469	25	14	2
D470	25	14	2
C517	14	9	1
C519	14	9	1
C520	14	9	1
C521	16	9	2
D533	19	12	6
D534	19	12	6
D535	19	12	6
D536	19	12	6
C538	19	12	6
D713	11	3	4
C719	12	9	1
C720	13	9	1
D721	6	3	3
D722	7	3	3
D723	7	3	3
D724	7	3	3
D725	7	3	3
D726	7	3	3
D727	7	3	3
C728	8	3	3
D730	8	3	3
D731	8	3	3
D732	8	3	3

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D733	8	3	3
D734	8	3	3
D735	9	3	3
D736	9	3	3
D738	9	3	3
D740	9	3	3
D741	9	3	3
D742	9	3	3
D748	9	3	3
D749	10	3	3
D753	24	14	1
D754	25	14	2
D755	25	14	2
D756	25	14	2
D773	15	9	1
D774	15	9	1
D775	15	9	1
D800	6	3	1
D813	14	9	1
D814	8	3	3
D816	10	3	3
D829	15	9	1
C830	15	9	1
D834	3	1	7
D835	2	1	4
D842	6	3	1
D844	10	3	3
D876	24	14	1
D877	25	14	2
D887	15	9	1
D919	2	1	7
D920	3	1	7
C921	18	11	1
C925	23	12	10

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D930	20	12	8
D931	20	12	8
C932	20	12	8
D933	24	14	1
D937	24	14	1
D938	26	14	3
D939	26	14	3
D940	26	14	3
D941	26	14	3
D942	26	14	3
D945	16	9	1
D958	17	10	7
D964	5	3	1
D965	5	3	1
D966	21	12	8
D968	22	12	8

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001; RULE 2004, 4-6-2007]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

CONSENT DECREE CIVIL NO. H-05-0258. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled.

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere from the originating equipment.

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
SOX	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008]

[Processes subject to this condition : 7]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

P13.2 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]

P18.1 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:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Crude Distillation Unit (Process: 1, System: 1)

Vacuum Flash Unit (Process: 1, System: 4)

Delayed Coking Unit (Process: 2, System: 1)

Coker Blowdown (Process: 2, System: 3)

FCC Feed (Gas Oil) Hydrodesulfurization Unit DHT-3 (Process: 3, System: 1)

FCC Feed (Gas Oil) Hydrodesulfurization Unit 120 (Process: 3, System: 3)

Hydrogen Plant (Process: 4, System: 1)

Gas Production (Process: 5, System: 1, 2, 3, and 4)

Gas and Water Treatment (Process: 6, System: 1, 2, 3, 4, and 5)

Sulfur Recovery Unit No. 1 (Process: 7, System: 1)

Sulfur Recovery Unit No. 2 (Process: 7, System: 2)

Tail Gas (Scot) Unit 2 (Process: 7, System: 4)

Tail Gas (Scot) Unit No. 1 (Process: 7, System: 5)

Crude Oil Tank Car Unloading System (Process: 8, System: 1)

LPG Tank Car Loading and Unloading System (Process: 8, System: 3)

Sour Water Oxidizer (Process: 1, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Processes subject to this condition : 14]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

SYSTEM CONDITIONS

S1.1 The operator shall limit the unloading rate to no more than 88000 barrel(s) in any one day.

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

[Systems subject to this condition : Process 8, System 1]

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

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than 2.5 lbs/mmscf of hydrogen produced

[RULE 1189, 1-21-2000]

[Systems subject to this condition : Process 4, System 1]

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

[RULE 1158, 6-11-1999; RULE 1158, 7-11-2008]

[Systems subject to this condition : Process 2, System 4 , 5]

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	463

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

VOC | District Rule | 1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 10, System 3]

S13.3 All devices under this system are subject to the applicable requirements of the following rules or regulations:

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

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

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

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 4, System 1]

S13.5 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]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Systems subject to this condition : Process 1, System 1 , 4 , 8; Process 2, System 1 , 3; Process 3, System 1 , 3; Process 4, System 1; Process 5, System 1 , 2 , 3 , 4; Process 6, System 1 , 2 , 3; Process 7, System 4 , 5]

S13.6 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 9, System 1 , 3 , 4 , 5]

S15.1 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s) located in the Vacuum Flash Unit (Process 1, System 4).

This process/system shall not be operated unless the fuel 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 7 , 8]

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit located in this system.

This process/system shall not be operated unless the sour gas treating unit is in full use and has a valid permit to receive vent gases from this system.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 4; Process 3, System 1, 3; Process 4, System 1]

S15.3 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 blowdown flare system or flare gas recovery system except Devices IDs D1, D2, D4, D58, D65, D60, D69, D95-D97, D816, D175, D188, D202, D803, D479, D896 that vent to the atmosphere.

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1, 4, 7, 8; Process 2, System 3; Process 3, System 1, 3; Process 4, System 1; Process 5, System 2, 3, 4; Process 6, System 1, 2, 3, 4, 5; Process 7, System 1, 2, 4, 5; Process 8, System 1, 3]

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1, 4, 8; Process 2, System 1, 3; Process 3, System 1]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S15.5 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 delayed coking unit heater(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 5, System 4]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 6, System 1 , 4 , 5]

S15.7 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 tail gas treating (SCOT) unit.

This process/system shall not be operated unless the tail gas treating (SCOT) unit is in full use and has a valid permit to receive vent gases from this system.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 1 , 2]

S15.8 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 incineration system.

This process/system shall not be operated unless the incineration 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 4 , 5]

S15.11 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 a flare gas recovery system except device ID's D175, D188, D202, and D896 that vent to atmosphere..

This process/system shall not be operated unless the above air pollution control equipment (consisting of two compressors operating independently or concurrently at any given time) 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(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 4 , 7 , 8; Process 2, System 3; Process 3, System 1 , 3; Process 4, System 1; Process 5, System 2 , 3 , 4; Process 6, System 1 , 2 , 3 , 4 , 5; Process 7, System 1 , 2 , 4 , 5; Process 8, System 1 , 3]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases during normal operation shall be directed to the sour gas treating unit located in either the Vacuum Flasher Unit (Process 1, System 4), or the Hydrodesulfurization Unit (Process 3, System 3).

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 14, System 3]

S15.13 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 flare system.

This process/system shall not be operated unless the above air pollution control equipment 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(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 14, System 3]

S18.1 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 Unit (Process: 1, System: 1)

Vacuum Flash Unit (Process: 1, System: 4)

Delayed Coking Unit (Process: 2, System: 1)

Coker Blowdown (Process: 2, System: 3)

FCC Feed (Gas Oil) Hydrodesulfurization Unit DHT-3 (Process: 3, System: 1)

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 6, System 3]

S18.2 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:

Sour Water Stripping Unit (Process: 6, System: 1)

Amine Regeneration Units (Process: 6, System: 4 and 5)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 1 , 2]

S18.3 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:

Sulfur Recovery Units 1 & 2 (Process: 7, System: 1 & 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 4 , 5]

S18.4 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:

Tail gas treating (SCOT) unit(s) (Process: 7, System: 4 & 5)

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 7, System 3]

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 325725:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer. This condition shall not apply to bellow-sealed valves

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except 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), and retrofits with space limitations

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173

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

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG

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

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

The operator shall provide to the District, no later than 60 days after initial

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

startup, a plot plan or process instrumentation of each new valve in VOC service

**[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996;
RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE
1303(b)(2)-Offset, 12-6-2002; 40CFR 60 Subpart GGG, 6-2-2008]**

[Systems subject to this condition : Process 3, System 3]

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 409983:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 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 reason why bellows seal valves were not used.

The operator shall provide to the District, no later than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All valves shall be bellow-seal valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., Drain valves with stems in the horizontal position), retrofit/special application valves with space limitation, and valves not commercially available. The District shall approve all exceptions to this requirement.

All 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 Reference Method 21.

All valves and new major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 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 components in VOC service, with a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Reference 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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 (non-bellows seal) valves and flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate of less than 500 ppmv.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repairs, and reinspections, in a manner approved by the District. Records shall be kept and maintained for at least five years, and shall be made available to Executive Officer or his authorized representative upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 7]

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 458382, 458383, 458384, 467378, 467377 and 464152:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 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, application, and reasons why bellows seal valves were not used.

The operator shall provide to the District, no longer than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new light liquid pumps shall utilize double seals and be connected to a closed vent system.

All compressors shall be equipped with a seal system with a higher pressure barrier fluid.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 1, System 4; Process 2, System 1; Process 3, System 3; Process 14, System 1 , 2 , 3]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 471540:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 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, application, and reasons why bellows seal valves were not used.

The operator shall provide to the District, no longer than 90 days after initial startup, a complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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.

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new light liquid pumps shall utilize double seals and be connected to a closed vent system.

All compressors shall be equipped with a seal system with a higher pressure barrier fluid.

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

[Systems subject to this condition : Process 1, System 1]

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 487403:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All open-ended lines shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to a closed vent system.

All new valves in VOC service, except those specifically exempted by Rule 1173 and those in heavy liquid service as defined in 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 a safety hazard, retrofits/special applications with space limitations, and valves not commercially available.

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 Rule 1173, 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 liquid organic compounds at a rate more than 500 ppm.

All new components in VOC service, a leak greater than 500 ppm measured as

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

methane above background as measured using EPA Method 21, shall be repaired within 7 calendar days of detection or pursuant to Rule 1173 repair period, whichever is more stringent.

The operator shall provide to the District, no later than 90 days after initial startup:

a) 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, application, and reasons why bellows seal valves were not used; and

b) A complete, as built, piping and instrumentation diagram(s) and copies of requisition data sheets for all non-leakless type valves with a listing of tag numbers.

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.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 3, System 1]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

CONTAMINANT	EMISSIONS LIMIT
NOX	Less than or equal to 2200 LBS IN ANY ONE DAY

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

[Devices subject to this condition : D429]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Benzene	Less than or equal to 1,239 LBS IN ANY ONE YEAR
MTBE	Less than or equal to 1,560 LBS IN ANY ONE YEAR

Benzene and MTBE shall be measured at the outlet of the oxidizer according to condition D90.9.

The Benzene and MTBE concentrations, averaged over a 12-month period, shall not exceed 1.65 ppmv and 3.7 ppmv, respectively, in order to comply with this condition.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 234 LBS IN ANY ONE MONTH

The operator shall use the latest required source test results for calculating VOC based on the actual number of hours of operation in any month to show compliance to the limit. If records of hours of operation are not available, the operator shall use 24 hours and 30 days in a month.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : C925]

A305.1 Whenever this equipment is in operation, the steam injection may be operated at any control efficiency provided that the emission concentrations being monitored by the certified CEMS serving this equipment is below the valid upper range specified in the approved CEMS plan.

[**RULE 2012, 5-6-2005**]

[Devices subject to this condition : D59]

B. Material/Fuel Type Limits

B22.7 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.

For the purposes of this condition, organic liquid materials that are stored at ambient temperatures with a flash point of 100 deg F or more as determined by ASTM Method D-93, shall be deemed to have a true vapor pressure of less than or equal to 0.1 psia under actual storage conditions.

The flash point of the material stored shall be determined every time there is a change of the material stored in the tank.

[**RULE 1178, 4-7-2006; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D958]

B61.1 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The H2S concentration limit shall be based on a rolling 3-hour averaging period

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : D59, D210, D429, D430, C538]

B61.3 The operator shall only use diesel fuel containing the following specified compounds:

Compound	ppm by weight
Sulfur less than or equal to	15

[RULE 1470, 6-1-2007; **RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D930, D966, D968]

B163.1 The operator shall only use this equipment subject to restrictions containing the following:

An identification tag or nameplate shall be displayed on the equipment to show manufacturer model and/or serial numbers. The tag(s) or plate(s) shall be issued by the manufacturer, and shall be adhered to the equipment in a permanent and conspicuous position.

The catalyst in the oxidizer (when operating in catalytic mode) shall be maintained in good working condition. The operator shall maintain records of catalyst cleaning periods and replacement frequency.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

C. Throughput or Operating Parameter Limits

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

C1.8 The operator shall limit the firing rate to no more than 340 MM Btu per hour.

To comply with this condition, the operator shall monitor and record the fuel rate and the fuel high heating value. Such records shall be made available to District personnel upon request.

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

[Devices subject to this condition : D210]

C1.10 The operator shall limit the firing rate to no more than 350 MM Btu per hour.

To comply with this condition, the operator shall monitor and record the fuel rate and the high heating value. Such records shall be made available to the District personnel upon request.

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

[Devices subject to this condition : D59]

C1.21 The operator shall limit the firing rate to no more than 352 MM Btu per hour.

To comply with this condition, the operator shall monitor and record the fuel rate and the high heating value of the refinery/natural gas. Such records shall be made available to the District personnel upon request.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D429, D430]

C1.23 The operator shall limit the load to no more than 1,000 cubic feet per minute.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

For the purpose of this condition, the load shall be defined as the total waste gas flow rate at the inlet of this oxidizer.

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

The operator shall measure the flow rate in standard cubic feet per minute (SCFM).

If a pressure sensing device is used instead of the flow meter, a conversion chart shall be made available to indicate the flow rate (in CFM) corresponding to the pressure reading.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C925]

C1.24 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

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

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D930, D966, D968]

C1.25 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

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

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]**

[Devices subject to this condition : D930, D966, D968]

- C1.28 The operator shall limit the throughput to no more than 1,705,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times d \times d \times l$, where d is the diameter of the tank in feet based on the tank strapping chart and l is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

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

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8 %, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

The operator shall keep adequate records to show compliance with the limitations specified in this permit. Such records shall be maintained and kept on file for at least five years and shall be made available to the Executive Officer or his authorized representative upon request.

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

[Devices subject to this condition : D958]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- C1.29 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one month.

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

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : D966, D968]

- C6.2 The operator shall use this equipment in such a manner that the hydrocarbon vapors flow rate being monitored, as indicated below, does not exceed 300 CFM.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the hydrocarbon vapors into this equipment.

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

[Devices subject to this condition : C538]

- C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1650 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the combustion chamber and the gauge shall be provided at 10 feet elevation above ground.

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

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C538]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- C8.3 The operator shall use this equipment in such a manner that the oxygen concentration being monitored, as indicated below, is not less than 1 percent.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the oxygen concentration at the the convection section or exhaust stack.

This condition shall only apply during normal operating conditions and shall not apply during startup, shutdown, or process upset.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D713]

- C8.6 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 2 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the scrubber.

The operator shall determine and record the parameter being monitored once every 24 hours.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C719, C720]

- C8.9 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

This condition shall only apply when the oxidizer is operating in the thermal mode.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oxidizer.

A temperature sensor, accurate to 20 degrees Fahrenheit, shall be installed and maintained at the exhaust stack of this equipment. The sensor shall be mounted at least 0.6 seconds downstream of the flame zone. A temperature indicator and a strip chart recorder or electronic data logger shall be used to display and record the above temperature whenever this equipment is in operation.

The operator shall automatically regulate the temperature by a fully modulated control system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

- C8.10 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 700 Deg F.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

This condition shall only apply when the oxidizer is operating in the catalytic mode.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the oxidizer.

A temperature sensor, accurate to 20 degrees Fahrenheit, shall be installed and maintained at the exhaust stack and at the inlet to the catalyst. The sensor shall be mounted at least 0.6 seconds downstream of the flame zone. A temperature indicator and a strip chart recorder or electronic data logger shall be used to display and record the above temperatures whenever this equipment is in operation.

The operator shall automatically regulate the temperature by a fully modulated control system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the equipment.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D713]

D12.3 The operator shall install and maintain a(n) thermocouple to accurately indicate the presence of a flame at the pilot light.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**; **40CFR 60 Subpart A, 5-16-2007**]

[Devices subject to this condition : C465, C469]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- D12.4 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the steam-to-fuel ratio applied to the burners.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D59]

- D12.5 The operator shall install and maintain a(n) flow meter to accurately indicate the flue gas flow at the recirculation line.

The operator shall record the parameter being monitored once every 15 minute(s).

The operator shall record the parameter whenever the boiler is operating and the FGR is in use.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D429, D430]

- D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to determine the NOX emissions at the inlet and outlet.

The test shall be conducted to determine the CO emissions at the inlet and outlet.

The test shall be conducted to determine the non-methane hydrocarbon emissions at the inlet and outlet.

The test shall be conducted to determine the Benzene at the inlet and outlet.

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

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

[Devices subject to this condition : C538]

D28.3 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.

Source test shall be conducted when this equipment is operating at no less than 80 percent of the maximum production rate..

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted to determine the SOX emissions at the outlet.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to determine the ROG emissions at the outlet.

The test shall be conducted to determine the total PM emissions at the outlet.

The test shall be conducted to determine the PM10 emissions at the outlet.

The test shall be conducted to determine the oxygen concentration at the outlet.

The test shall be conducted to determine the moisture content at the outlet.

The test shall be conducted to determine the flow rate at the outlet.

The test shall be conducted at least once every three years.

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 to demonstrate compliance with 40CFR60, Appendix A (latest version) and methods approved by AQMD.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D713]

D28.9 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 120 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to determine emission rate of NOX, SOX, ROG, CO, PM, and PM10, both with and without steam injection within the design operating range. The operator shall submit a test protocol to the District at least 60 days prior to the testing. The tests shall be conducted according to the approved test protocol or any subsequently approved revisions.

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

Source test shall be conducted when this equipment is operating at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District. Report of the test and operating conditions of the equipment shall be submitted to the District within 60 days after the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2012, 5-6-2005]

[Devices subject to this condition : D59]

D28.13 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted within 120 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to determine emission rate of NOX, SOX, ROG, CO, PM, and PM10. The operator shall submit a test protocol to the District at least 60 days prior to the testing. The test shall be conducted according to the approved test protocol.

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 for both operating modes with and without the use of FGR with the boiler operating at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District. Report of the test and operating condition of the equipment shall be submitted to the District within 60 days after the test.

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

[Devices subject to this condition : D430]

D28.14 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted initially to determine emission rate of NOX, SOX, ROG, CO, NH3, PM, and PM10 at the outlet of the SCR and NOX, SOX, PM, and PM10 at the inlet of the SCR. Subsequent test shall be conducted at least annually to determine emission rate of ammonia at the outlet of the SCR with the SCR in full use. Subsequent test shall also be conducted at least once every three years for PM and PM10 at the outlet of the SCR with the SCR in full use.

The test shall be conducted for all criteria pollutants in the initial testing for both operating modes, i.e., with SCR and FGR operating separately.

The test shall be conducted with the boiler operating at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District. The operator shall submit a test protocol to the District at least 60 days prior to the testing.

The test shall be conducted according to the approved test protocol. The initial test shall be conducted within 120 days after achieving maximum production rate, but no later than 180 days after equipment is in full operation. The District shall be notified of the date and time of the test at least 10 days prior to the test. Report of the test data, operating conditions of the equipment, and NH3 injection rate during the test shall be submitted to the District within 60 days after the test.

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

[Devices subject to this condition : D429, C921]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	District-approved averaging time	Outlet
ROG emissions	Approved District method	District-approved averaging time	Outlet

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test(s) shall be conducted at least once every three years.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D59]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	1 hour	Outlet of the Oxidizer

The test shall be conducted to demonstrate compliance with the NOx emissions limit of 32 PPMV.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 days after initial start-up.

During the source test(s), the facility permit holder shall also record the operating temperatures of the oxidizer.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

When catalyst is added to the oxidizer so that it can be operated in the catalytic mode, all the above tests shall be repeated within 90 days of achieving maximum production rate, but no later than 180 days after initial start-up of the Catalytic Oxidizer.

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : C925]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

NH3 concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

The CEMS shall be installed and maintained to continuously record the parameter being measured.

The CEMS shall be installed after consultation with the SCAQMD on the appropriate CEMS. The operator shall submit to the SCAQMD at least 60 days prior to the installation of the CEMS, a CEMS application proposal and a Quality Control and Performance Evaluation Plan for the operation of the CEMS. The CEMS shall be accurate to within plus or minus 20 percent relative accuracy. It shall be calibrated at least once every 12 months or as outlined in the Quality Control and Performance Evaluation Plan.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C921]

D90.1 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA, to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C517]

D90.2 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

The operator shall monitor once every day.

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C728]

D90.3 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor once every day.

The operator shall use a diffusion sensor, or flame-ionization system, or an infra-red ionization system, or ultra-violet ionization system, or a District approved OVA to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C519, C520, C521, C830]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D90.6 The operator shall continuously monitor the H₂S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

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

The operator may monitor the H₂S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H₂S in the fuel gas being burned in this device.

[40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : D59, D210, D429, D430, C538]

D90.9 The operator shall sample and analyze the VOC concentration in ppmv hexane, and speciated for Benzene and MTBE at the inlet and outlet of the oxidizer according to the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Grab samples shall be collected at the inlet and outlet of this equipment at least once during the first week of its operation and quarterly thereafter.

Sampling shall conform to CARB Method 422 or equivalent. Samples with high moisture shall be collected using an appropriate method such as SCAQMD 25.1/25.3 or other methods approved by the district.

Analysis shall be conducted using EPA Method 8015, EPA Method 8260, EPA Method TO-03 and EPA Method TO-15 or other method approved by the district.

The operator shall note the oxidizer operating temperature during the above tests, and include it in the report submitted to the district.

A report of findings on the grab sampling tests shall be prepared and submitted to SCAQMD, Engineering and Compliance, Attention: Bhaskar Chandan, within 45 days of the test date. The project location, AQMD application/permit number, sampling date and location, and analysis date shall be included in the test report.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

- D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of hydrocarbon concentrations

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C521]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semiannual basis, at least, unless the equipment did not operate during the entire semiannual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : C465, C469]

- D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the CO emission limit(s). 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 : D59, D210, D429, D430]

- D332.1 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least once every five years using a portable analyzer and AQMD-approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 407 concentration limit. 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 : C538, C925]

E. Equipment Operation/Construction Requirements

- E71.3 The operator shall not operate this equipment to treat vapors containing halogenated compounds or any carcinogenic compounds listed in AQMD Rule 1401 (as amended on March 4, 2005) other than Benzene and Methyl Tert-Butyl Ether (MTBE).

[RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E71.4 The operator shall not operate this equipment for more than 50 hours per year allowed for maintenance and testing, except in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time; and 2) the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D930]

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use FGR if all of the following requirement(s) are met:

a) Whenever this boiler is in operation, the operator may choose not to operate the FGR for not more than a total of six days in any one month.

b) Emissions during breakdown of the FGR shall not be excluded from RECLAIM allocation unless the breakdown is in full compliance with the Breakdown Provisions of Rule 2004.

c) Records of the operation of the FGR shall be maintained and made available for District personnel upon request.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D430]

E73.2 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use FGR or SCR if all of the following requirement(s) are met:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- a) Whenever this boiler is in operation, the operator may choose to operate the FGR or the SCR (C921).
- b) The operator shall submit an application for re-certification of the CEMS for this boiler in accordance with Rule 2012 by April 20, 2003.
- d) Records of the operation of the FGR and the SCR shall be maintained and made available for District personnel upon request.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D429]

- E73.3 Notwithstanding the requirements of Section E conditions, the operator is not required to use both of the flare gas recovery compressors concurrently if:

The load on the flare gas recovery system is not sufficient to require both compressors to be online.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002]

[Devices subject to this condition : D938, D939]

- E116.1 This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D930]

- E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : C517, C519, C520, C521, C728, C830]

- E153.2 The operator shall change over the spent carbon with fresh activated carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the carbon canister. (The 500 ppmv refers to VOCs).

[RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C517, C519, C520, C521, C728, C830]

- E190.1 The operator shall maintain a minimum stack height of 13 feet.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

- E193.1 The operator shall install this equipment according to the following specifications:

This heater shall be fired with natural gas exclusively. The term "natural gas" as defined in this permit is a mixture of gaseous hydrocarbons, with at least 80 percent methane (by volume), and of pipeline quality, such as the gas sold or distributed by any utility company regulated by the California Public Utilities Commission.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D713]

- E193.2 The operator shall install this equipment according to the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall install an alarm system to warn of possible visible emission violation during emergency shutdown or failure of this equipment

[**RULE 401, 3-2-1984**; RULE 401, 11-9-2001]

[Devices subject to this condition : C538]

E193.3 The operator shall construct this equipment according to the following specifications:

During the construction of equipment listed under Process 14, System 2 in Section H of this facility permit, the operator shall comply with all mitigation measures contained in the November 1994 "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" which is part of the AQMD Final Environmental Impact Report and Addendum that were prepared for this project and certified on November 18, 1994

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D754]

E193.4 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Section 60.18 of the 40CFR60 Subpart A

[**40CFR 60 Subpart A, 5-16-2007**]

[Devices subject to this condition : C465, C469]

E193.6 The operator shall operate and maintain this equipment according to the following requirements:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The data logging and alarm system shall be programmed to interface with the engine control system to automatically shutdown the engine or switch it to power de-rating mode whenever the backpressure of the diesel particulate filter system exceeds the maximum backpressure setting specified by the filter manufacturer.

The temperature of the engine exhaust gas at the inlet to the diesel particulate filter system shall be greater than or equal to 300 degrees celsius (572 degrees fahrenheit), except during cold engine start-up, not to exceed 10 minutes.

The operator shall regenerate the diesel particulate filter after every 24 cold engine start-ups or whenever a "yellow" warning signal is received from the hiback alarm system, whichever occurs first. In order to achieve filter regeneration, the operator shall run the engine until the exhaust temperature exceeds 572 degrees fahrenheit and the backpressure monitoring system indicates a normal backpressure reading.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D930]

- E202.1 The operator shall clean and maintain this equipment according to the following specifications:

Upon completion of Soil Vapor Extraction at this location, any vapor extraction well(s) and duct(s) shall be capped to prevent vapors from venting to the atmosphere. Vapors shall not be extracted from the soil, unless vented to the vapor control system. There shall be no detectable leak between the outlet of the vapor extraction blower used and the inlet to this equipment.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C925]

- E204.1 The operator shall tag the valves according to the following specifications:

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173, 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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D754]

E223.1 The operator shall install and maintain an interlock control to stop the operation of this equipment if the operating temperature falls below the required minimum operating temperatures specified in conditions C8.9 and C8.10, when temperature exceeds manufacturer's specifications, when flameout occurs, or when the vapor blower flow rate exceeds 1,000 SCFM.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C925]

E336.3 The operator shall vent the vent gases from this equipment as follows:

The stack will not be equipped or operated with a rain cap or other appurtenance which obstructs vertical dispersion of the exhaust air contaminants.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : C925]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009]

[Devices subject to this condition : D876, D877, D945]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : D59, D210, D429, D430]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	465
Sulfur compounds	District Rule	465

[RULE 465, 8-13-1999]

[Devices subject to this condition : D65]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : C728, D816]

H23.12 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR61, SUBPART	FF

[40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D919]

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ

[40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D336, D337, D338, D339, D773, D887]

H23.22 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]

[Devices subject to this condition : D738, D740, D748, D749, D834, D835, D842, D844, D938, D939, D942]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D930]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C465, C469]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

The operator shall monitor H2S concentration at the inlet to this equipment according to the approved EPA alternative monitoring plan (AMP) dated November 5,2007. Upon request, a copy shall be made available to the Executive Officer or designee.

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

[40CFR 60 Subpart J, 6-24-2008]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : C925]

H23.31 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1110.2
CO	District Rule	1110.2

[RULE 1110.2, 2-1-2008]

[Devices subject to this condition : D930]

H23.33 This equipment is subject to the applicable requirements of the following rules or regulations:

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

For Rule 463 applicability, only subdivision (d) in the May 6, 2005 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks.

[**RULE 1149, 7-14-1995**; RULE 1149, 5-2-2008; **RULE 463, 5-6-2005**]

[Devices subject to this condition : D958]

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall monitor H2S concentration at the inlet to this equipment according to the approved EPA alternative monitoring plan (AMP) dated November 5, 2007. Upon request, a copy shall be made available to the Executive Officer or designee.

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

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL NO. H-05-0258, 8-11-2008]

[Devices subject to this condition : C538]

H23.35 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470
CO	40CFR60, SUBPART	III
CO	40CFR60, SUBPART	III
PM	40CFR60, SUBPART	III
ROG	40CFR60, SUBPART	III
HAPs	40CFR63, SUBPART	ZZZZ

[RULE 1470, 6-1-2007; 40CFR 60 Subpart III, 7-11-2006; 40CFR 63 Subpart ZZZZ, 1-18-2008]

[Devices subject to this condition : D966, D968]

I. Administrative

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

- 11.1 The operator shall comply with all the requirements of the conditions and compliance schedule as specified in the variance dated May 8, 2007, Case No. 4900-80 in accordance with the Findings and Decisions of the Hearing Board or as subsequently modified by the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The variance (or Order for Abatement) referenced in this condition does not affect federal or citizen enforceability of the underlying SIP approved rules for which the applicant is receiving the variance (or Order for Abatement).

[RULE 1118, 11-4-2005; RULE 3004(a)(10)(C), 12-12-1997]

[Devices subject to this condition : C465, C469]

- I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D966, D968]

K. Record Keeping/Reporting

- K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Temperature

Fuel usage

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

[Devices subject to this condition : C538]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

An engine operating log shall be maintained which on a monthly basis shall include manual and automatic operation and shall list all engine operations in each of the following areas:

A. Emergency use hours of operation

B. Maintenance and testing hours

C. Other operating hours (describe the reason for operation)

In addition, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation. The log shall be kept for a minimum of three calendar years prior to the current year and made available to the District personnel upon request. The total hours of operation for the previous calendar year shall be recorded sometime during the first 15 days of January of each year.

[**RULE 1110.2, 2-1-2008**; **RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; **RULE 1470, 6-1-2007**]

[Devices subject to this condition : D930]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Diesel Particulate filter inspections, replacements and manual regenerations.

Data retrieved from the hiback logging system that includes the backpressure, exhaust gas temperature, and the date and time of the readings.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D930]

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels

True vapor pressure, in psia at actual temperature or the flash point data determined per Condition B22.7

Commodity stored

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

[Devices subject to this condition : D958]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A log of engine operations, including manual and automatic operation, documenting the total time the engine is operated each month and the specific reason for operation as:

- A. Emergency use
- B. Maintenance and testing
- C. Other (Describe the reason for the operation)

In addition, for each time the engine is manually started, the log shall include the date of engine operation, the specific reason for operation, and the totalizing hour meter readings (in hours and tenths of hours) at the beginning and end of the operation.

On or before January 15th of each year, the operator shall record in the engine log:

- A. the total hours of engine operation for the previous calendar year, and
- B. the total hours of engine operation for maintenance and testing for the previous calendar year.

Engine operation log(s) shall be retained on site for a minimum of five calendar years and shall be made available to the Executive Officer or representative upon request.

[RULE 1110.2, 2-1-2008; **RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; RULE 1470, 6-1-2007; **RULE 2012, 5-6-2005**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D966, D968]

FACILITY PERMIT TO OPERATE CONOCOPHILLIPS COMPANY

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
327267	2002
331746	1123
332227	1176
448998	1173
453376	1178

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.