

FACILITY PERMIT TO OPERATE

**ULTRAMAR INC
2402 E ANAHEIM ST
WILMINGTON, CA 90744**

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 _____
Barry R. Wallerstein, D. Env.
Executive Officer

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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					P13.1
System 1: CRUDE DISTILLATION UNIT #10					S13.2, S31.7, S56.1
COLUMN, CRUDE DISTILLATION, 10-V-100A, HEIGHT: 67 FT ; DIAMETER: 8 FT 6 IN A/N:	D1				
ACCUMULATOR, CRUDE TOWER OVERHEAD, 10-V-101, LENGTH: 19 FT ; DIAMETER: 5 FT A/N:	D883				
TANK, SURGE, CRUDE TOWER, 10-V-102, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N:	D884				
COLUMN, 10-V-103, LGO STRIPPER, HEIGHT: 24 FT ; DIAMETER: 4 FT A/N:	D885				
VESSEL, DESALTER, CRUDE, 10-DE-100, LENGTH: 28 FT ; DIAMETER: 12 FT A/N:	D886				
VESSEL, DESALTER, CRUDE, 10-DE-101, LENGTH: 28 FT ; DIAMETER: 12 FT A/N:	D887				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1310			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 2: CRUDE DISTILLATION UNIT #10 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					P13.1
VESSEL, DESALTER, CRUDE, 11-DE-1000, LENGTH: 28 FT ; DIAMETER: 12 FT A/N:	D891				
VESSEL, DESALTER, CRUDE, 11-DE-1001, LENGTH: 28 FT ; DIAMETER: 12 FT A/N:	D892				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1312			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 4: CRUDE DISTILLATION UNIT #11 HEATERS					
HEATER, CRUDE, 11-H-1000, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 136 MMBTU/HR WITH A/N: 504757 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMT, SIZE 16M, 14 BURNERS, WITH LOW NOX BURNER	D6		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.036 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A195.6, B61.1, B61.2, D90.3, D328.1, H23.5
System 5: VACUUM DISTILLATION UNIT					S13.2, S56.1
COLUMN, VACCUM UNIT, 20-V-2000, HEIGHT: 101 FT ; DIAMETER: 19 FT A/N: 177972	D7				
DRUM, EJECTOR DISCHARGE, 20-V-201, LENGTH: 7 FT ; DIAMETER: 3 FT 6 IN A/N: 177972	D894				H23.1

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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
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: CRUDE DISTILLATION					P13.1
CONDENSER, FIRST-STAGE EJECTOR, 20-E-204 A/N: 177972	D900				
CONDENSER, SECOND-STAGE EJECTOR, 20-E-205 A/N: 177972	D901				
CONDENSER, EJECTOR, 20-E-206 A/N: 177972	D902				
EJECTOR, VACUUM TOWER, 20-EJ-200, THREE EJECTORS SYSTEM A/N: 177972	D907				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177972	D1314				H23.17
System 6: VACUUM DISTILLATION UNIT HEATERS					
HEATER, VACCUM FEED HEATER, 20-H-200, REFINERY GAS, HHV, WITH LOW NOX BURNER, 49 MMBTU/HR WITH A/N: 504758 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-16, 10 BURNERS, WITH LOW NOX BURNER	D8		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.057 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A195.7, B61.1, B61.2, D90.3, D328.1, H23.5

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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.)
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Process 1: CRUDE DISTILLATION					P13.1
HEATER, VACUUM FEED, 20-H-2000, REFINERY GAS, HHV, WITH LOW NOX BURNER, 20 MMBTU/HR WITH A/N: 224454 BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, SIZE 25, 6 BURNERS	D9		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5A) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 36 PPMV (3) [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, B61.2, D28.11, D90.3, H23.5, K171.1
Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
System 1: DELAYED COKING UNIT #30					S7.1, S13.2, S15.2, S31.7, S56.1
DRUM, 30-V-300A, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N:	D10			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, 30-V-300B, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N:	D11			PM: (9) [RULE 405, 2-7-1986]	D323.2
FRACTIONATOR, 30-V-301, HEIGHT: 52 FT ; DIAMETER: 7 FT A/N:	D908				
ACCUMULATOR, FRACTIONATOR OVERHEAD, 30-V-302, WITH WATER LEG VENTED TO LIGHT ENDS RECOVERY COMPRESSOR, LENGTH: 18 FT ; DIAMETER: 5 FT 6 IN A/N:	D909				

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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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 (6) Denotes air toxic control rule limit
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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
TANK, COKE DRUM CONDENSATE, 30-V-303, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N:	D910				
COLUMN, LIGHT GAS OIL STRIPPER, 30-V-307, HEIGHT: 22 FT ; DIAMETER: 2 FT 6 IN A/N:	D911				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1317			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 2: DELAYED COKING UNIT #30 HEATERS					
HEATER, 30-H-301, REFINERY GAS, WITH LOW NOX BURNER, 144 MMBTU/HR WITH A/N: 504759 BURNER, REFINERY GAS, JOHN ZINK, MODEL PXMR-20, 32 BURNERS, WITH LOW NOX BURNER, 144 MMBTU/HR	D12	C13	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.04 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.6, A195.8, B61.1, B61.2, C1.31, D29.1, D90.3, D328.1, H23.5, K67.1
SELECTIVE CATALYTIC REDUCTION, SERVING HEATER 30-H-301, WITH AMMONIA INJECTION A/N: 339015	C13	D12		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.5, D12.6, D28.13, E71.5
System 3: DELAYED COKING UNIT #31					S7.1, S13.2, S15.3, S31.7, S56.1

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
System 5: DELAYED COKING BLOWDOWN UNIT					S13.2, S15.3, S56.1
ACCUMULATOR, 30-V-306, QUENCH TOWER OVHD, LENGTH: 12 FT ; DIAMETER: 5 FT A/N: 178094	D21				
TOWER, 30-V-304, QUENCH, HEIGHT: 25 FT 9 IN; DIAMETER: 6 FT A/N: 178094	D550				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178094	D1319			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 6: COKE HANDLING UNIT					S13.1
CRUSHER, 30-CR-300-1/2/3, PRIMARY, RAW COKE A/N: 323709	D23			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
CUTTER, 30-ME-300, DEHEADING CART A/N: 323709	D24			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
CRUSHER, 31-CR-3000-1/2/3, PRIMARY COKE A/N: 323709	D25			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
CUTTER, 31-ME-3000, DEHEADING CART A/N: 323709	D26			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
TANK, 31-TK-3000, OPEN TOP, 9890 BBL; DIAMETER: 30 FT ; HEIGHT: 54 FT A/N: 323709	D27			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2

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 (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					P13.1
STORAGE TANK, INTERNAL FLOATING ROOF, 30-TK-300, CLARIFIED WATER, WITH INTERNAL MIXER, 4700 BBL; DIAMETER: 30 FT ; HEIGHT: 33 FT 6 IN WITH A/N: 323709 FLOATING ROOF, PONTOON	D28			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
TANK, SURGE, 32-TK-301, CLARIFIED WATER, OPEN TOP, HEIGHT: 14 FT 3 IN; DIAMETER: 10 FT A/N: 323709	D29			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
TANK, 32-ME-302, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 12 FT ; DIAMETER: 70 FT A/N: 323709	D30			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
TANK, 32-ME-303, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 14 FT ; DIAMETER: 70 FT A/N: 323709	D31			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E202.2
System 7: COKE HANDLING, STORAGE, AND LOADING FACILITY (HYDROBINS)					S1.1, S13.1
BIN, 32-TK-HBIN/A, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT ; HEIGHT: 54 FT A/N: 323709	D1231			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5

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 (4) Denotes BACT 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 2: COKING AND RESIDUAL CONDITIONING					P13.1
BIN, 32-TK-HBIN/B, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT ; HEIGHT: 54 FT A/N: 323709	D1232			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5
BIN, 32-TK-HBIN/C, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT ; HEIGHT: 54 FT A/N: 323709	D1233			PM: (9) [RULE 405, 2-7-1986]	A63.7, D323.1, E125.1, H116.2, H116.4, H116.5
Process 3: CATALYTIC CRACKING					P13.1
System 1: FCCU					S13.2, S56.1
REACTOR, FCC, 61-R-1, WITH CYCLONE, HEIGHT: 153 FT 10 IN; DIAMETER: 15 FT 6 IN A/N: 527629	D35				

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 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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Process 3: CATALYTIC CRACKING					P13.1
REGENERATOR, FCC, 61-IN-1, WITH CYCLONE, HEIGHT: 100 FT 6 IN; DIAMETER: 26 FT 6 IN A/N: 527629	D36	C39 D157 D166 D168 D973	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 500 PPMV (5A) [CONSENT DECREE VALERO, 6-16-2005]; CO: 500 PPMV (8) [40CFR 60 Subpart J, 9-12-2012]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; HAP: (10) [40CFR 63 Subpart UUU, #2, 4-20-2006]; NOX: 80 PPMV (5) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]; PM: 2 LBS/TON COKE BURNOFF (5) [CONSENT DECREE VALERO, 6-16-2005]; PM: 2 LBS/TON COKE BURNOFF (8) [40CFR 60 Subpart J, 9-12-2012]; PM10: 2.8 LBS/1000 BBLS FRESH FEED (5) [RULE 1105.1, 11-7-2003]; SO2: 25 PPMV (5) [CONSENT DECREE VALERO, 6-16-2005]; SO2: 50 PPMV (8) [40CFR 60 Subpart J, 9-12-2012]; SO2: 50 PPMV (5A) [CONSENT DECREE VALERO, 6-16-2005]; SOX: 25 PPMV (3) [RULE 2002, 1-7-2005; RULE 2002, 11-5-2010]	A63.4, A63.8, A195.2, A195.4, A195.17, A195.18, A195.19, D29.12, D29.13, D82.3, D90.4, D323.1, E73.5, E193.4, H23.27, K40.3
TANK, SURGE, 61-V-3, RAW OIL, HEIGHT: 35 FT ; DIAMETER: 12 FT 6 IN A/N: 527629	D37				

- * (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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Process 3: CATALYTIC CRACKING					P13.1
BLOWER, 61-BL-1, MAIN AIR, 80,142 CFM,SINGLE STAGE CENTRIFUGAL WITH A 8,000 HP MOTOR A/N: 527629	D1023				
VESSEL, SEPARATOR, 61-CY-3, THIRD STAGE A/N: 527629	D1024				
TANK, SURGE, 61-V-10, FLUE GAS COOLER, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 527629	D1247				
EJECTOR, 61-BLX-1-EJ-1 A/N: 527629	D1249				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 527629	D1321			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.17
System 2: FCCU HEATERS					
HEATER, 61-H-1, REFINERY GAS, 100 MMBTU/HR WITH A/N: 178009 BURNER, REFINERY GAS, JOHN ZINK, MODEL YE, I BURNER	D38		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]	B61.2, D90.3, E71.1, H23.5
System 3: FCCU CONTROL					
ELECTROSTATIC PRECIPITATOR, 61-PR-1A/B, FCCU, MODEL 24/25/2X9/10 IN, TWO PARALLEL SINGLE CHAMBER UNITS, 24 GAS PASSAGES PER PRECIPATATOR A/N: 178024	C39	D36 C1615			C12.1, E102.1

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: CATALYTIC CRACKING					P13.1
ELECTROSTATIC PRECIPITATOR, 61-PR-2, FCCU, HAMON RESEARCH-COTTRELL, SINGLE CHAMBER, 27 GAS PASSAGES WITH A/N: 458075 HOPPER, 8 TOTAL AMMONIA INJECTION, AQUEOUS AMMONIA	C1615	C39		NH3: 10 PPMV (5) [RULE 1105.1, 11-7-2003]	A195.3, C12.1, D90.6, D90.7, D90.8, D90.9, E193.5, E193.6
System 4: CATALYST HANDLING UNIT					
HOPPER, DUMP, FRESH CATALYST STORAGE, 61-V-1 A/N: 178025	D40			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DUMP, EQUILIBRIUM CATALYST STORAGE, 61-V-2 A/N: 178025	D41			PM: (9) [RULE 405, 2-7-1986]	D323.1
EJECTOR, 61-EJ-1 A/N: 178025	D42	D408			
System 5: FCCU CATALYST ADDITIVE LOADER NO. 1					
STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 431021	D1566	C1567		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	B27.1, D381.1

* (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

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: CATALYTIC CRACKING					P13.1
FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN.; INTERNATIONAL SURFACE PREPARATION, MODEL MFP 711675201, WITH PULSE JET CLEANING, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 431021	C1567	D1566			C6.5, D322.3, K67.11
System 6: FCCU CATALYST ADDITIVE LOADER NO. 2					
STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 432476	D1568	C1569		PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	B27.1, D381.1
FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN.; INTERNATIONAL SURFACE PREPARATION, MODEL MPF 711675201, WITH PULSE JET CLEANING, WITH CYCLONE, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 432476	C1569	D1568			C6.5, D322.3, K67.11
System 7: FCCU FRESH CATALYST AND CATALYST ADDITIVE LOADER					

* (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 ULTRAMAR INC

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: CATALYTIC CRACKING					P13.1
VESSEL, FRESH CATALYST AND CATALYST ADDITIVE INJECTION SYSTEM, GRACE-DAVISON MULTI-LOADER MODEL MLS-2452-AWC, WIDTH: 3 FT ; HEIGHT: 6 FT 7 IN; LENGTH: 3 FT WITH A/N: 492721 FILTER, TWO, CARTRIDGE TYPE, WITH PULSE JET CLEANING, FLEETLIFE, MODEL FA376094 OR EQUIVALENT, INNER DIAMETER: 9.5 IN, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 1.88 IN	D1640			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	B27.2, C6.4, D322.3, D381.1, K67.11
Process 4: HYDROTREATING					P13.1
System 1: GAS OIL UNIBON HYDROTREATING UNIT 80					S13.2, S13.14, S15.3, S31.1, S56.1
TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT ; DIAMETER: 12 FT A/N:	D43				
REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT ; DIAMETER: 13 FT A/N:	D918				
REACTOR, NO. 2, 80-V-3, HDA, HEIGHT: 27 FT ; DIAMETER: 13 FT A/N:	D919				
COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N:	D1382				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
VESSEL, SEPARATOR, PRODUCT, 80-V-4, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N:	D44				
COMPRESSOR, RECYCLE GAS, 80-C-1 A/N:	D553				
REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N:	D1383				
DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N:	D1381				
SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT ; DIAMETER: 4 FT 6 IN A/N:	D51				
KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N:	D1385				
COLUMN, 80-V-10, HDA DISTILLATE SPLITTER (HIGH PRESSURE STRIPPER), HEIGHT: 74 FT ; DIAMETER: 12 FT A/N:	D46				
ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT ; DIAMETER: 5 FT A/N:	D47				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N:	D49				
ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT ; DIAMETER: 5 FT A/N:	D50				
COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N:	D920				
COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT ; DIAMETER: 4 FT A/N:	D921				
VESSEL, LOW PRESSURE FLASH, 80-V-9, LENGTH: 13 FT ; DIAMETER: 8 FT 6 IN A/N:	D45				
VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N:	D1384				
KNOCK OUT POT, 80-V-19, FUEL GAS, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N:	D1057				
DRUM, 80-V-12, WASH WATER SUCTION, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 20 FT ; DIAMETER: 5 FT A/N:	D1058				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1323			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 2: GAS OIL UNIBON HYDROTREATING UNIT HEATERS					
HEATER, 80-H-1, REFINERY GAS, WITH LOW NOX BURNER, 36 MMBTU/HR WITH A/N: 177999 BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, EIGHT SIZE 25, FOUR SIZE 50A, 12 BURNERS	D52		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5A) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; 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]	B61.2, D90.3, D328.1, H23.5
HEATER, 80-H-2, REFINERY GAS, WITH AMMONIA INJECTION, 68 MMBTU/HR WITH A/N: 504761 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-12W, 6 BURNERS, WITH LOW NOX BURNER	D53		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.047 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A195.10, B61.2, D90.3, D328.1, H23.5
System 3: NAPHTHA HYDROTREATING UNIT #60					S13.2, S15.3, S31.7, S56.1

* (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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
TANK, SURGE, FEED, 60-V-1, LENGTH: 25 FT ; DIAMETER: 8 FT A/N:	D54				
REACTOR, 60-V-2, HEIGHT: 23 FT ; DIAMETER: 6 FT 6 IN A/N:	D922				
VESSEL, SEPARATOR, PRODUCT, 60-V-3, LENGTH: 20 FT 8 IN; DIAMETER: 7 FT A/N:	D55				
COMPRESSOR, 60-C-1A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N:	D57				
COMPRESSOR, 60-C-2A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N:	D58				
COLUMN, STRIPPER, 60-V-5, WITH 20 TRAYS, HEIGHT: 58 FT 6 IN; DIAMETER: 7 FT A/N:	D56				
ACCUMULATOR, STRIPPER, 60-V-6, LENGTH: 13 FT ; DIAMETER: 4 FT 6 IN A/N:	D924				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1325			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 4: OLEFIN HYDROTREATING UNIT #60 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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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 4: HYDROTREATING					P13.1
HEATER, 60-H-1, REFINERY GAS, HHV, WITH LOW NOX BURNER, 26.4 MMBTU/HR WITH A/N: 220601 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-18, 4 BURNERS	D59		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5A) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 36 PPMV (3) [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, B61.2, D28.11, D90.3, H23.5, K171.1
HEATER, 60-H-2, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 29.7 MMBTU/HR WITH A/N: 220600 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-20, 3 BURNERS	D60		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV (3) [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, B61.2, D28.11, D90.3, H23.5, K171.1
System 5: GAS OIL HYDRODESULFURIZATION UNIT #58					S4.6, S13.2, S13.14, S15.3, S56.1
VESSEL, COALESCER, 58-V-14, WARM FEED, HEIGHT: 24 FT ; DIAMETER: 4 FT 6 IN A/N:	D687				
TANK, SURGE, FEED, 58-V-1, HEIGHT: 60 FT ; DIAMETER: 12 FT A/N:	D688				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
REACTOR, GUARD, 58-R-1, HEIGHT: 16 FT 3 IN; DIAMETER: 14 FT A/N:	D689				
REACTOR, HYDROTREATING, 58-R-2, HEIGHT: 42 FT 11 IN; DIAMETER: 14 FT 6 IN A/N:	D690				
REACTOR, HYDROTREATING, 58-R-3, HEIGHT: 62 FT 11 IN; DIAMETER: 14 FT 6 IN A/N:	D691				
GAS SEPARATOR, HP HOT, 58-V-2, HEIGHT: 30 FT ; DIAMETER: 10 FT 6 IN A/N:	D692				
GAS SEPARATOR, HP COLD, 58-V-3, HEIGHT: 31 FT 2 IN; DIAMETER: 8 FT 6 IN A/N:	D693				
GAS SEPARATOR, LP COLD, 58-V-8, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N:	D694				
COLUMN, STRIPPING, 58-V-9, HEIGHT: 93 FT 6 IN; DIAMETER: 12 FT 6 IN A/N:	D695				
DRUM, STRIPPER OVERHEAD, 58-V-10, HEIGHT: 26 FT 6 IN; DIAMETER: 7 FT 6 IN A/N:	D696				

- * (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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
COLUMN, DISTILLATE STRIPPING, 58-V-16, HEIGHT: 37 FT 6 IN; DIAMETER: 5 FT A/N:	D697				
ABSORBER, HP H2S, 58-V-4, HEIGHT: 76 FT ; DIAMETER: 6 FT 6 IN A/N:	D698				
KNOCK OUT POT, RECYCLE GAS COMPRESSOR, 58-V-5, HEIGHT: 16 FT ; DIAMETER: 7 FT 6 IN A/N:	D699				
TANK, SURGE, 58-V-6, WASH WATER, HEIGHT: 15 FT ; DIAMETER: 5 FT A/N:	D700				
GAS SEPARATOR, LP HOT, 58-V-7, HEIGHT: 44 FT ; DIAMETER: 10 FT 6 IN A/N:	D701				
GAS SEPARATOR, 58-V-12, HEIGHT: 7 FT 2 IN; DIAMETER: 18 FT A/N:	D702				
TANK, FLASH, 58-V-13, RICH AMINE, HEIGHT: 30 FT ; DIAMETER: 11 FT 6 IN A/N:	D703				
KNOCK OUT POT, 58-V-15, FUEL GAS, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N:	D704				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
DRUM, 89-V-9007, FLARE BLOWDOWN,, HEIGHT: 38 FT ; DIAMETER: 12 FT 6 IN A/N:	D705				
VESSEL, 89-V-9008, FLARE DRAIN POT, HEIGHT: 4 FT ; DIAMETER: 2 FT 6 IN A/N:	D1309				
DRUM, CONDENSATE COLLECTION, 58-V-18, HEIGHT: 12 FT ; DIAMETER: 6 FT 6 IN A/N:	D706				
DRUM, CONDENSATE BLOWDOWN, 58-V-21, HEIGHT: 7 FT 6 IN; DIAMETER: 4 FT A/N:	D707				
COMPRESSOR, RECYCLE GAS, 58-C-1, 6500 HP A/N:	D708				H23.16
DRUM, 58-V-22, SOUR WATER SURGE, HEIGHT: 28 FT ; DIAMETER: 9 FT A/N:	D1307				
DRUM, 58-V-23, AMINE DRAIN COLLECTION, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N:	D1308				
FILTER, 58-F-1A/B, COLD FEED PREFILTER, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N:	D762				

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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 ULTRAMAR INC

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 4: HYDROTREATING					P13.1
FILTER, 58-F-2A/B/C, WARM FEED, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N:	D764				
FILTER, 58-F-3A/B, COMBINED FEED, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N:	D766				
VESSEL, GOH DISTILLATE, SALT FILTER, 58-V-24, HEIGHT: 52 FT ; DIAMETER: 12 FT A/N:	D1306				
EJECTOR, 58-EJ-1, EDUCTOR WITH SILENCER A/N: 312555	D767				
DRAIN SYSTEM COMPONENT A/N:	D1469			HAP: (10) [40CFR 63 Subpart CC, #4, 5-25-2001]	H23.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1327			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.16
System 6: GAS OIL HYDRODESULFURIZATION UNIT HEATERS					
HEATER, GAS OIL HYDROTREATING, 58-H-1, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR WITH A/N: 504762 BURNER, 12 BURNERS, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR	D768	C770	NOX: MAJOR SOURCE**, SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.015 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.2, A195.11, B61.1, B61.2, D90.3, D328.1, H23.5

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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 ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 4: HYDROTREATING					P13.1
SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION A/N: 291900	C770	D768		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.7, D28.4, E73.1
System 7: NAPHTHA HYDROTREATER/SPLITTER UNIT #56					S4.4, S13.2, S13.14, S31.5, S56.1
COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT ; DIAMETER: 10 FT A/N:	D61				
TANK, SURGE, 56-V-1, HEIGHT: 32 FT ; DIAMETER: 10 FT A/N:	D423				
REACTOR, 56-R-2, HEIGHT: 29 FT ; DIAMETER: 9 FT 6 IN A/N:	D1464				
VESSEL, SEPARATOR, PRODUCT, 56-V-3, HEIGHT: 25 FT ; DIAMETER: 9 FT 6 IN A/N:	D424				
ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N:	D425				
ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT ; DIAMETER: 8 FT 6 IN A/N:	D426				
KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N:	D427				

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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.)
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Process 4: HYDROTREATING					P13.1
ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT ; DIAMETER: 8 FT A/N:	D428				
DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT ; DIAMETER: 3 FT 6 IN A/N:	D593				
COMPRESSOR, RECYCLE, 56-C-1 A/N:	D594				H23.16
DRUM, 56-V-15, HOT OIL, HEIGHT: 30 FT ; DIAMETER: 8 FT A/N:	D595				
COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT ; DIAMETER: 11 FT A/N:	D596				
COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT ; DIAMETER: 9 FT 6 IN A/N:	D598				
BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N:	D1465				
EJECTOR, EVACUATION, 56-EJ-1 A/N:	D1466				
VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N:	D1467				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1328			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
System 8: NAPHTHA HYDROTREATER/SPLITTER UNIT HEATERS					S2.1

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Process 4: HYDROTREATING					P13.1
HEATER, NAPHTHA HYDROTREATER CHARGE, 56-H-1, REFINERY GAS, 30 MMBTU/HR WITH A/N: 447454 BURNER, 6 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 30 MMBTU/HR	D429	C431	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [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, B61.2, D90.3, D328.1, H23.5
HEATER, HOT OIL, 56-H-2, REFINERY GAS, 200 MMBTU/HR WITH A/N: 504763 BURNER, 15 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 200 MMBTU/HR	D430	C431	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.023 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A195.12, B61.1, B61.2, D90.3, H23.5
SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION, WIDTH: 16 FT ; HEIGHT: 11 FT ; LENGTH: 8 FT A/N: 281826	C431	D429 D430		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.7, D28.4, E73.1, K171.1
Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
System 1: PLATFORMER UNIT #70					S13.2, S13.13, S13.14, S56.1

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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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT ; DIAMETER: 7 FT A/N:	D62				
COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT ; DIAMETER: 7 FT A/N:	D65				
VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT ; DIAMETER: 4 FT 6 IN A/N:	D66				
HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 433983	D68	D74		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]; PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N:	D69	D74		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]; PM: (9) [RULE 405, 2-7-1986]	D323.1
VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N:	D70				
VESSEL, LIFT ENGAGER #2, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N:	D71	D74		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
EJECTOR, STEAM JET, 70-EJ-1 A/N:	D72				
COMPRESSOR, RECYCLE GAS, 70-C-1 A/N:	D554				
COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N:	D555				

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Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N:	D556				
REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N:	D925			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N:	D926			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N: 433983	D927			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N:	D930				
DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT ; DIAMETER: 5 FT A/N:	D931				
TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N:	D932	D74 D935		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	A63.3
VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N:	D933	D946		PM: (9) [RULE 405, 2-7-1986]	D323.1
VESSEL, LIFT ENGAGER #1, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N:	D934	D74		PM: (9) [RULE 405, 2-7-1986]	D323.1

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Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HOPPER, DISENGAGING, 70-V-25, DIAMETER: 4 FT; HEIGHT: 13 FT 6 IN WITH A/N: COMPARTMENT, DISENGAGING AND PREHEAT ZONE, HEIGHT: 7 FT COMPARTMENT, CHLORIDE ADSORPTION ZONE, HEIGHT: 6 FT 6 IN	D935	D74 D932		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N:	D936			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N:	D937			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N:	D938			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N:	D939			PM: (9) [RULE 405, 2-7-1986]	D323.1
DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N:	D940	D74			
DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N:	D941	D74			

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Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N:	D942	D74			
DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N: 433983	D943	D74			
VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N:	D944				
EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N:	D945				
FILTER, HEPA, 70-ME-22 A/N:	D946	D933			D322.1, D381.1, K67.8
VESSEL, FUEL GAS CHLORIDE TREATER, 70-V-42, HEIGHT: 18 FT ; DIAMETER: 5 FT A/N:	D1212			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
VESSEL, NET GAS CHLORIDE TREATER, 70-V-43, HEIGHT: 16 FT ; DIAMETER: 5 FT A/N:	D1213			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
VESSEL, LIQUID CHLORIDE TREATER, 70-V-44, HEIGHT: 31 FT ; DIAMETER: 7 FT A/N:	D1214			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
DRUM, KNOCKOUT, 1ST STAGE, 70-V-5,, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N:	D1590				

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Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HEATER, 70-H-1/2/3, PROCESS GAS, REFINERY GAS, BASED ON FUEL HHV OF 1199 BTU/SCF, WITH LOW NOX BURNER, 258 MMBTU/HR WITH A/N: 504764 BURNER, PROCESS GAS, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-10W, 23 BURNERS, WITH LOW NOX BURNER, 258 MMBTU/HR	D74	D68 D69 D71 D932 D934 D935 D940 D941 D942 D943	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.055 LBS/MMBTU (5) [CONSENT DECREE VALERO, 6-16-2005]; NOX: 10.5 LBS/HR (7) [RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.5, A195.13, A229.2, B61.1, B61.2, C1.16, D90.3, D90.13, D182.5, H23.5
Process 7: ALKYLATION AND ISOMERIZATION					P13.1
System 1: ALKYLATION UNIT #68					S4.4, S13.2, S31.5, S56.1
TANK, KOH CAUSTIC POTASH ACID NEUTRALIZING, 68-TK-100, LENGTH: 12 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416622	D1664				
VESSEL, RECEIVER, DEPROPANIZER, 68-V-12, HEIGHT: 22 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 416622	D948				
DRUM, REFRIGERANT SURGE, 68-V-1, LENGTH: 16 FT ; DIAMETER: 5 FT 6 IN A/N: 416622	D1483				

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Process 7: ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, FIELD BUTANE DRIER, 68-V-2A, HEIGHT: 14 FT ; DIAMETER: 4 FT A/N: 416622	D1484				
DRUM, 68-V-3, ACID STORAGE, HEIGHT: 60 FT ; DIAMETER: 12 FT A/N: 416622	D77				
DRUM, 68-V-4B, SETTLER RELIEF KNOCKOUT, LENGTH: 40 FT ; DIAMETER: 13 FT A/N: 416622	D1665				
VESSEL, RECEIVER, ISOSTRIPPER SIDECUT, 68-V-5, LENGTH: 40 FT ; DIAMETER: 12 FT 6 IN A/N: 416622	D78				
COLUMN, ISO STRIPPER, 68-V-6, HEIGHT: 183 FT 5 IN; DIAMETER: 13 FT A/N: 416622	D79				
VESSEL, TREATER, BUTANE ALUMINA , 68-V-7A, HEIGHT: 23 FT ; DIAMETER: 8 FT A/N: 416622	D1485				
VESSEL, TREATER, BUTANE KOH, 68-V-8, HEIGHT: 16 FT ; DIAMETER: 8 FT A/N: 416622	D81				
VESSEL, DEPROPANIZER FEED SETTLER, 68-V-10 R, HEIGHT: 24 FT ; DIAMETER: 8 FT A/N: 416622	D1486				

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Process 7: ALKYLATION AND ISOMERIZATION					P13.1
COLUMN, DEPROPANIZER, 68-V-11, HEIGHT: 87 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 416622	D84				
COLUMN, HF STRIPPER, 68-V-13, HEIGHT: 42 FT ; DIAMETER: 4 FT 6 IN A/N: 416622	D85				
VESSEL, TREATER, 68-V-14A R, PROPANE ALUMINA, HEIGHT: 17 FT ; DIAMETER: 5 FT 6 IN A/N: 416622	D1487				
VESSEL, TREATER, PROPANE KOH, 68-V-15, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 416622	D87				
VESSEL, TREATER, PROPANE KOH, 68-V-44, HEIGHT: 30 FT ; DIAMETER: 4 FT 6 IN A/N: 416622	D1511				
DRUM, SURGE, 68-V-16, POLYMER, HEIGHT: 15 FT ; DIAMETER: 7 FT 6 IN A/N: 416622	D88				
VESSEL, COALESCER, 68-V-23, LENGTH: 8 FT 3 IN; DIAMETER: 1 FT 8 IN A/N: 416622	D1488				
VESSEL, 68-V-2B, FIELD BUTANE DRIER, HEIGHT: 14 FT ; DIAMETER: 4 FT A/N: 416622	D1489				

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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 ULTRAMAR INC

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: ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, TREATER, 68-V-7B, BUTANE ALUMINA, HEIGHT: 23 FT ; DIAMETER: 8 FT A/N: 416622	D1490				
VESSEL, 68-V-14B, PROPANE ALUMINA TREATER, HEIGHT: 17 FT ; DIAMETER: 5 FT 6 IN A/N: 416622	D1491				
DRUM, ACID SETTLER, 68-V-60, HEIGHT: 58 FT 9 IN; DIAMETER: 22 FT A/N: 416622	D1493				
PUMP, EVACUATION, 68-P-16, 75 HP, STANDBY, WITH VENTED SEAL AND SEAL POT A/N: 416622	D1011	D949			D238.1
DRUM, LIQUID KNOCKOUT, 68-V-18, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 416622	D949	D1011			
VESSEL, POLYMER NEUTRALIZER, 68-V-17, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 416622	D89				
SCRUBBER, 68-V-20, RELIEF GAS, HEIGHT: 46 FT ; DIAMETER: 12 FT 6 IN A/N: 416622	D90	D950 D1288			
DRUM, NEUTRALIZING, 68-V-19, LENGTH: 20 FT ; DIAMETER: 6 FT 6 IN A/N: 416622	D950	D90			

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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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
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Process 7: ALKYLATION AND ISOMERIZATION					P13.1
TANK, KOH MIX, 68-V-21, HEIGHT: 4 FT ; DIAMETER: 6 FT A/N: 416622	D1666				
TANK, KOH REGENERATION, 68-V-22, HEIGHT: 16 FT ; DIAMETER: 8 FT A/N: 416622	D952				
SCRUBBER, VENT, 68-V-24A, LENGTH: 5 FT ; DIAMETER: 1 FT 9 IN A/N: 416622	D953	D1289			
SCRUBBER, VENT, 68-V-24B, LENGTH: 5 FT ; DIAMETER: 1 FT 9 IN A/N: 416622	D954	D1289			
EJECTOR, 68-EJ-2, NEUTRALIZING DRUM A/N: 416622	D1288	D90			
EJECTOR, 68-EJ-3, LIME ADDITION A/N: 416622	D1289	D953 D954			
TANK, PROPANE BUTANE KOH TREATER BLOWDOWN, 68-V-26, LENGTH: 3 FT ; DIAMETER: 2 FT A/N: 416622	D1667				
COLUMN, ACID RERUN, 68-V-30, HEIGHT: 32 FT ; DIAMETER: 8 FT 1 IN A/N: 416622	D1496				
DRUM, WATER KNOCK-OUT, 68-V-32, LENGTH: 14 FT ; DIAMETER: 3 FT 6 IN A/N: 416622	D1498				

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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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, ASO DECANTER, 68-V-33, HEIGHT: 32 FT ; DIAMETER: 6 FT A/N: 416622	D1499				
DRUM, RECYCLE ADDITIVE SURGE, 68-V-34, LENGTH: 19 FT 6 IN; DIAMETER: 10 FT A/N: 416622	D1500				
COLUMN, WATER WASH, 68-V-35, HEIGHT: 62 FT ; DIAMETER: 9 FT 6 IN A/N: 416622	D1501				
TANK, ADDITIVE, 68-V-39, LENGTH: 20 FT 6 IN; DIAMETER: 10 FT A/N: 416622	D1505				
VESSEL, ACID DUMP, 68-V-59, LENGTH: 60 FT ; DIAMETER: 18 FT A/N: 416622	D1509				
EJECTOR, ACID VAPORIZER STEAM, 68-EJ-5 A/N: 416622	D1513				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416622	D1333			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
System 3: BUTAMER UNIT #69					S4.4, S13.2, S31.5, S56.1
VESSEL, BUTANE DRYER, 69-V-1A, LENGTH: 28 FT ; DIAMETER: 5 FT 6 IN A/N: 416626	D1515				
VESSEL, REFRIGERANT COALESCER, 69-V-2, LENGTH: 10 FT ; DIAMETER: 3 FT A/N: 416626	D1516				

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 7: ALKYLATION AND ISOMERIZATION					P13.1
TANK, FEED SURGE, 69-V-3, LENGTH: 22 FT ; DIAMETER: 7 FT 6 IN A/N: 416626	D101				
TANK, HOLDING, 69-V-4, PERCHLOROETHYLENE, LENGTH: 10 FT ; DIAMETER: 3 FT 6 IN A/N: 416626	D102				
REACTOR, 69-V-5A, HEIGHT: 12 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416626	D1517				
VESSEL, SEPARATOR, 69-V-6, HEIGHT: 16 FT ; DIAMETER: 5 FT 6 IN A/N: 416626	D104				
VESSEL, MAKE UP GAS DRIER, 69-V-7A, HEIGHT: 20 FT ; DIAMETER: 1 FT 6 IN A/N: 416626	D105				
COLUMN, 69-V-8, STABILIZER, IN TWO SECTIONS, HEIGHT: 75 FT ; DIAMETER: 6 FT 6 IN A/N: 416626	D106				
VESSEL, RECEIVER, STABILIZER, 69-V-9, LENGTH: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416626	D107				
SCRUBBER, STABILIZER GAS, 69-V-10, HEIGHT: 30 FT 6 IN; DIAMETER: 5 FT A/N: 416626	D108				

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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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.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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Process 7: ALKYLATION AND ISOMERIZATION					P13.1
VESSEL, BUTANE DRYER, 69-V-1B, HEIGHT: 28 FT ; DIAMETER: 5 FT 6 IN A/N: 416626	D1518				
REACTOR, 69-V-5B, HEIGHT: 12 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416626	D1519				
VESSEL, MAKE UP GAS DRYER, 69-V-7B, HEIGHT: 20 FT ; DIAMETER: 1 FT 6 IN A/N: 416626	D113				
COMPRESSOR, RECYCLE GAS, 69-C-1 A/N: 416626	D557				
COLUMN, DEISOBUTANIZER (DIB), 69-V-11, HEIGHT: 175 FT ; DIAMETER: 11 FT 6 IN A/N: 416626	D788				
ACCUMULATOR, DIB OVERHEAD, 69-V-12, LENGTH: 31 FT 6 IN; DIAMETER: 10 FT 6 IN A/N: 416626	D789				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416626	D1334			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
System 5: ALKYLATION UNIT #68 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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: ALKYLATION AND ISOMERIZATION					P13.1
HEATER, 68-H-1, REFINERY GAS, 57 MMBTU/HR WITH A/N: 504765 BURNER, 5 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-18M, LOW NOX BURNER, 57 MMBTU/HR	D98		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.044 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.1, A195.14, B61.1, B61.2, D90.3, D328.1, H23.5
Process 8: GAS PRODUCTION					P13.1
System 1: FCCU GAS PLANT/FRACTIONATION SECTION UNIT 61					S4.7, S13.2, S56.1
ACCUMULATOR, MAIN COLUMN, 61-V-6, LENGTH: 25 FT ; DIAMETER: 14 FT 2 IN A/N: 291953	D114				
COLUMN, HEAVY NAPHTHA STRIPPING, 61-V-20, HEIGHT: 40 FT ; DIAMETER: 3 FT 6 IN A/N: 291953	D812				
TANK, SURGE, RAW OIL, 61-V-3, HEIGHT: 35 FT ; DIAMETER: 14 FT 2 IN A/N: 291953	D955				
COLUMN, MAIN FRACTIONATION, 61-V-5, HEIGHT: 131 FT 3 IN; DIAMETER: 16 FT A/N: 291953	D956				

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|---|---|
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 (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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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 8: GAS PRODUCTION					P13.1
COLUMN, LIGHT CYCLE OIL STRIPPER, 61-V-7, HEIGHT: 32 FT ; DIAMETER: 5 FT 6 IN A/N: 291953	D957				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291953	D1336			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 2: FCCU GAS PLANT/CONCENTRATION AND COMPRESSION UNIT 63					S4.7, S13.2, S56.1
DRUM, FIRST STAGE SUCTION, 63-V-1, HEIGHT: 15 FT ; DIAMETER: 7 FT 6 IN A/N: 307086	D116				
VESSEL, RECEIVER, INTERSTAGE, 63-V-2, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 307086	D117				
VESSEL, SEPARATOR, HIGH PRESSURE, 63-V-4, LENGTH: 34 FT ; DIAMETER: 11 FT A/N: 307086	D118				
COLUMN, DEBUTANIZER, 63-V-8, HEIGHT: 100 FT 9 IN; DIAMETER: 9 FT A/N: 307086	D119				
VESSEL, RECEIVER, DEBUTANIZER, 63-V-9, HEIGHT: 25 FT ; DIAMETER: 8 FT A/N: 307086	D120				
REACTOR, SELECTIVE HYDROGENATION UNIT, 63-R-1 A/N: 307086	D823				

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 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8: GAS PRODUCTION					P13.1
TANK, WATER INJECTION, 63-V-3, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 307086	D958				
ABSORBER, PRIMARY, 63-V-12, HEIGHT: 98 FT 8 IN; DIAMETER: 6 FT 6 IN A/N: 307086	D959				
ABSORBER, SPONGE, 63-V-6, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N: 307086	D960				
COLUMN, STRIPPER, 63-V-7, HEIGHT: 81 FT ; DIAMETER: 8 FT 6 IN A/N: 307086	D961				
COMPRESSOR, 63-C-1, WET GAS, TWO STAGES, 6000 HP, WITH SEALS VENTED TO VAPOR RECOVERY SYSTEM A/N: 307086	D963				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307086	D1337			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 3: ALKYLATION FEED DRYING SYSTEM					S4.10, S13.2, S31.5, S56.1
VESSEL, 67-V-1A, HF ALKYLATION UNIT FEED DRYER, HEIGHT: 25 FT ; DIAMETER: 5 FT 6 IN A/N: 485015	D1402				
VESSEL, 67-V-1B, HF ALKYLATION UNIT FEED DRYER, HEIGHT: 25 FT ; DIAMETER: 5 FT 6 IN A/N: 485015	D1403				

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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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8: GAS PRODUCTION					P13.1
VESSEL, 63-V-3, REGENERATION AND FEED COALESCER, LENGTH: 11 FT ; DIAMETER: 3 FT A/N: 485015	D1404				
DRUM, ALKY FEED WATER, 67-V-4, LENGTH: 11 FT ; DIAMETER: 2 FT A/N: 485015	D1659				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 485015	D1338			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.16
System 4: LIGHT ENDS VAPOR RECOVERY UNIT #43					S4.4, S13.2, S31.5, S31.7, S56.1
ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT ; DIAMETER: 6 FT A/N:	D123				
COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT ; DIAMETER: 5 FT 6 IN A/N:	D124				
ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT ; DIAMETER: 3 FT A/N:	D965				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N:	D125				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N:	D126				

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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 8: GAS PRODUCTION					P13.1
KNOCK OUT POT, LIGHT ENDS COMPRESSOR, 43-V-309, HEIGHT: 9 FT ; DIAMETER: 3 FT A/N:	D964				
VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N:	D966				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1339			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
System 5: LIGHT ENDS VAPOR RECOVERY UNIT #44					S13.2, S15.3, S18.3, S31.7, S56.1
ABSORBER, SPONGE, 44-V-4002, HEIGHT: 95 FT ; DIAMETER: 6 FT A/N:	D129				
COLUMN, DEBUTANIZER, 44-V-4004, HEIGHT: 85 FT ; DIAMETER: 7 FT A/N:	D130				
ACCUMULATOR, DEBUTANIZER OVERHEAD, 44-V-4005, LENGTH: 15 FT ; DIAMETER: 4 FT 6 IN A/N:	D131				
COMPRESSOR, LIGHT ENDS, 44-C-4000 A/N:	D558				
EJECTOR, 44-E-4010-EJ1, FIRST STAGE A/N:	D1291				H23.1
EJECTOR, 44-E-4010-EJ2, SECOND STAGE A/N:	D1292				H23.1

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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 (4) Denotes BACT emission limit
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Process 8: GAS PRODUCTION					P13.1
EJECTOR, 44-E-4010-EJ3 A/N:	D1293				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1340			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 6: LIGHT STRAIGHT RUN (LSR) DEBUTANIZER UNIT 63					S4.10, S13.2, S31.5, S56.1
COLUMN, LSR DEBUTANIZER, 63-V-10, HEIGHT: 94 FT 6 IN; DIAMETER: 9 FT 6 IN A/N: 466997	D121				
VESSEL, RECEIVER, LSR DEBUTANIZER, 63-V-11, LENGTH: 21 FT ; DIAMETER: 7 FT A/N: 466997	D122				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 466997	D1660			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.16
Process 9: BLENDING					P13.1
System 1: GASOLINE BLENDING UNIT					S13.2, S56.1
DRUM, EXCESS SAMPLE, 82-V-9, LENGTH: 4 FT 10 IN; DIAMETER: 3 FT A/N: 487815	D133	C1661		BENZENE: 5 PPMV (5) [CONSENT DECREE VALERO, 6-16-2005]; VOC: 100 PPMV (5) [CONSENT DECREE VALERO, 6-16-2005]	
TANK, PROTO FUEL MIX, 82-V-10, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 487815	D134				

* (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 ULTRAMAR INC

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: BLENDING					P13.1
TANK, PROTO FUEL MIX, 82-V-11, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 487815	D135				
TANK, PROTO FUEL MIX, 82-V-12, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 487815	D136				
TANK, STANBY FUEL, 82-V-13, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 487815	D137				
TANK, DYE, 82-ME-3-V-1, VENTED TO THE ATMOSPHERE, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 487815	D138				
TANK, ANTI-OXIDANT, 82-ME-3-V-2, VENTED TO THE ATMOSPHERE, LENGTH: 8 FT 9 IN; DIAMETER: 4 FT A/N: 487815	D139				
TANK, METAL-DEACTIVATOR, 82-ME-3-V-3, VENTED TO THE ATMOSPHERE, LENGTH: 10 FT 6 IN; DIAMETER: 6 FT A/N: 487815	D140				
CARBON ADSORBER, TWO IN SERIES, EACH CONTAINING 200 LBS OF ACTIVATED CARBON A/N: 487815	C1661	D133			D90.15, E128.1, E153.3, K67.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 487815	D1341				H23.17

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
System 1: SOUR WATER STRIPPING					S4.6, S13.2, S15.4, S56.1
COLUMN, 54-V-1, SOUR WATER STRIPPING, HEIGHT: 90 FT ; DIAMETER: 8 FT 6 IN A/N: 291941	D774				
ACCUMULATOR, 54-V-2, STRIPPER OVERHEAD, ACID GAS VENTED TO SULFUR RECOVERY UNIT, LENGTH: 13 FT ; DIAMETER: 6 FT A/N: 291941	D779				
DRUM, SOUR WATER SURGE, 54-V-3, HEIGHT: 13 FT ; DIAMETER: 6 FT A/N: 291941	D1371				
DRAIN SYSTEM COMPONENT A/N: 291941	D1471				H23.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291941	D1342				H23.16
System 2: LPG MEROX TREATING UNIT #64					S4.2, S4.3, S13.2, S56.1
VESSEL, CAUSTIC PREWASH, 64-V-1, LENGTH: 21 FT ; DIAMETER: 5 FT 6 IN A/N: 339038	D152				
VESSEL, EXTRACTOR, 64-V-2, LENGTH: 38 FT ; DIAMETER: 4 FT A/N: 339038	D153				
VESSEL, CAUSTIC SETTLER, 64-V-3, LENGTH: 18 FT ; DIAMETER: 5 FT A/N: 339038	D154				

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
TANK, WATER BREAK, 64-V-5, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 339038	D971				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 339038	D1343				H23.17
System 3: LPG MEROX TREATING UNIT #65					S13.2, S56.1
VESSEL, CAUSTIC PREWASH, 65-V-1, LENGTH: 21 FT ; DIAMETER: 8 FT A/N: 527628	D155				
VESSEL, EXTRACTOR, 65-V-2, LENGTH: 38 FT ; DIAMETER: 6 FT A/N: 527628	D156				
VESSEL, SEPARATOR, 65-V-7, LENGTH: 16 FT ; DIAMETER: 4 FT A/N: 527628	D158				
VESSEL, CAUSTIC SETTLER, 65-V-3, LENGTH: 24 FT ; DIAMETER: 6 FT 6 IN A/N: 527628	D972				
POT, CATALYST ADDITION, 65-V-5, LENGTH: 4 FT ; DIAMETER: 2 FT A/N: 527628	D985				
VESSEL, OXIDIZER, 65-V-6, HEIGHT: 20 FT ; DIAMETER: 2 FT A/N: 527628	D986				
COLUMN, LPG/DGA CONTACTOR, 65-V-10, HEIGHT: 45 FT ; DIAMETER: 6 FT A/N: 527628	D987				

- * (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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
DRUM, WATER WASH, 65-V-12, LENGTH: 35 FT ; DIAMETER: 6 FT A/N: 527628	D988				
VESSEL, LEAN DGA FILTER, 65-F-1, HEIGHT: 8 FT ; DIAMETER: 3 FT 6 IN A/N: 527628	D989				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 527628	D1344				H23.17
System 4: FCC GASOLINE MEROX TREATING UNIT #66					S13.2, S56.1
REACTOR, MEROX, 66-V-1, HEIGHT: 23 FT ; DIAMETER: 12 FT A/N: 178016	D159				
POT, DRAIN, 66-V-2, LENGTH: 5 FT ; DIAMETER: 1 FT 6 IN A/N: 178016	D976				
EJECTOR, 66-EJ-1, ACETIC ACID AND CATALYST A/N: 178016	D1294				H23.1
EJECTOR, 66-EJ-2, STEAM CONDENSATE A/N: 178016	D1295				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178016	D1345			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 5: SOUR WATER STRIPPING UNIT #48					S13.2, S13.14, S15.4, S56.1
COLUMN, SOUR WATER STRIPPER, 48-V-1, HEIGHT: 88 FT ; DIAMETER: 5 FT A/N:	D160			SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 48-V-2, LENGTH: 8 FT ; DIAMETER: 3 FT A/N:	D161				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1346				H23.17
System 6: SOUR WATER STRIPPING UNIT #49					S13.2, S15.4, S56.1
ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 49-V-2, LENGTH: 8 FT ; DIAMETER: 3 FT A/N: 178089	D162				
TANK, FLASH, 49-V-3, SOUR WATER, LENGTH: 9 FT ; DIAMETER: 3 FT 6 IN A/N: 178089	D163				
COLUMN, SOUR WATER STRIPPER, 49-V-1, HEIGHT: 87 FT ; DIAMETER: 5 FT A/N: 178089	D164			SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178089	D1347				H23.17
System 7: SPENT CAUSTIC OXIDATION UNIT #83					S13.2, S56.1
TANK, SPENT CAUSTIC FEED, 83-V-1, FIXED ROOF, 300 BBL; DIAMETER: 10 FT ; HEIGHT: 24 FT A/N: 527630	D165				
VESSEL, SPENT CAUSTIC OXIDIZER, 83-V-2, HEIGHT: 34 FT ; DIAMETER: 3 FT A/N: 527630	D166	D36			

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
TANK, HOLDING, 83-V-4A, 200 BBL; DIAMETER: 8 FT ; HEIGHT: 22 FT 6 IN A/N: 527630	D167				
KNOCK OUT POT, OFF-GAS, 83-V-6, LENGTH: 4 FT ; DIAMETER: 1 FT 6 IN A/N: 527630	D168	D36			
TANK, HOLDING, 83-V-4B, 200 BBL; DIAMETER: 8 FT ; HEIGHT: 22 FT 6 IN A/N: 527630	D169				
TANK, VENT, 65-V-8, LENGTH: 6 FT ; DIAMETER: 1 FT 6 IN A/N: 527630	D157	D36			
VESSEL, SEPARATOR, 83-V-3, LENGTH: 4 FT ; DIAMETER: 1 FT 6 IN A/N: 527630	D973	D36		HAP: (10) [40CFR 63 Subpart CC, #2, 6-20-2013]	H23.3
DRUM, LIFT TRAP, 83-V-5, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 527630	D977				H23.3
System 8: FIELD BUTANE CAUSTIC TREATING					S4.1, S4.2, S13.2, S56.1
SCRUBBER, 64-V-6, CAUSTIC TREATING, HEIGHT: 21 FT ; DIAMETER: 5 FT 6 IN A/N: 416625	D1525				C1.35
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416625	D1348				H23.16
System 10: AMINE TREATING UNIT # 51					S4.6, S13.2, S18.5, S56.1

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
SCRUBBER, 51-V-2, HEIGHT: 25 FT ; DIAMETER: 4 FT A/N: 291944	D782				
KNOCK OUT POT, 51-V-1, SOUR GAS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 291944	D785				
ABSORBER, 51-V-4, L. P. AMINE, HEIGHT: 65 FT ; DIAMETER: 4 FT A/N: 291944	D786				
KNOCK OUT POT, 51-V-5, SWEET GAS, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 291944	D787				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291944	D1363			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	H23.16
DRAIN SYSTEM COMPONENT A/N: 291944	D1472				H23.4
System 13: FUEL GAS TREATING UNIT# 88					S4.6, S13.2, S31.5, S56.1
MIXER, 88-MX-1, CAUSTIC, INLINE, STATIC A/N: 465660	D1642				
VESSEL, KNOCKOUT DRUM, 88-V-1, CAUSTIC WASH, HEIGHT: 14 FT ; DIAMETER: 5 FT A/N: 465660	D1643				
MIXER, 88-MX-2, WATER WASH, INLINE, STATIC A/N: 465660	D1644				

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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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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: TREATING/STRIPPING					P13.1
VESSEL, KNOCKOUT DRUM, 88-V-2, WATER WASH, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 465660	D1645				
DRUM, DEGASSING, 88-V-3, SPENT CAUSTIC, HEIGHT: 7 FT ; DIAMETER: 2 FT 6 IN A/N: 465660	D1646				
MIXER, 88-MX-3, MAKE-UP CAUSTIC, INLINE, STATIC A/N: 465660	D1647				
TANK, 41-TK-01, SPENT CAUSTIC, HEIGHT: 23 FT ; DIAMETER: 26 FT A/N: 465660	D682	C1648			
CARBON ADSORBER, TWO CANISTERS IN SERIES, 400 LBS CARBON PER CANISTER A/N: 465660	C1648	D682			D90.14, E128.1, E153.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 465660	D1649			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	H23.16
System 14: STRIPPED SOUR WATER SELENIUM CONCENTRATION UNIT 52					
FILTER PACK, REVERSE OSMOSIS, STAGE 1, 13 VSEP MODULES, 52-ME-1 TO 13 A/N: 441204	D1597				
TANK, FIXED ROOF, 52-TK-7000, VSEP CONCENTRATE FEED TO VSEP SECOND STAGE, 7000 GALS; DIAMETER: 10 FT ; HEIGHT: 12 FT A/N: 441204	D1598			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	

- * (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: TREATING/STRIPPING					P13.1
FILTER PACK, REVERSE OSMOSIS, STAGE 2, 4 VSEP MODULES, 52-ME-14 TO 17 A/N: 441204	D1599				
TANK, FIXED ROOF, 52-TK-7001, VSEP CONCENTRATE FEED TO VSEP THIRD STAGE, 7000 GALS; DIAMETER: 10 FT ; HEIGHT: 12 FT A/N: 441204	D1600			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	
FILTER PACK, REVERSE OSMOSIS, STAGE 3, 1 VSEP MODULE, 52-ME-18 A/N: 441204	D1601				
TANK, FIXED ROOF, 52-TK-14000, VSEP PERMEATE WATER, 14000 GALS; DIAMETER: 13 FT ; HEIGHT: 16 FT 9 IN A/N: 441204	D1602			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	
TANK, SURGE, FIXED ROOF, 95-TK-9014, EFFLUENT WATER, 35000 BBL; DIAMETER: 73 FT ; HEIGHT: 48 FT A/N: 441204	D202			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
TANK, FIXED ROOF, 52-TK-30000, VSEP CONCENTRATE, 30000 GALS; DIAMETER: 15 FT 6 IN; HEIGHT: 22 FT 9 IN A/N: 441204	D1603			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	
TANK, FIXED ROOF, 52-TK-2500, VSEP CONCENTRATE FEED TO EVAPORATOR FIRST STAGE, 2500 GALS; DIAMETER: 8 FT ; HEIGHT: 11 FT A/N: 441204	D1604			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
EVAPORATOR, 52-TK-1, FIRST STAGE, VSEP CONCENTRATE WITH A/N: 441204 EJECTOR, 52-EJ-1	D1605				
TANK, FIXED ROOF, 52-TK-2501, VSEP CONCENTRATE FEED TO EVAPORATOR SECOND STAGE, 2500 GALS; DIAMETER: 8 FT ; HEIGHT: 11 FT A/N: 441204	D1607			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	
EVAPORATOR, 52-TK-2, SECOND STAGE, VSEP CONCENTRATE WITH A/N: 441204 EJECTOR, 52-EJ-2	D1608				
STORAGE TANK, FIXED ROOF, 52-TK-13000, SELENIUM WASTE, 310 BBL; DIAMETER: 12 FT ; HEIGHT: 17 FT A/N: 441204	D1610				
DRAIN SYSTEM COMPONENT A/N: 441204	D1611				H23.4
System 39: AMINE TREATING UNIT 39					S13.2, S15.4, S56.1
REGENERATOR, AMINE, 39-V-3, HEIGHT: 55 FT ; DIAMETER: 5 FT A/N: 318640	D560				
DRUM, AMINE REFLUX, 39-V-5, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 318640	D561				E336.3

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| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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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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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: TREATING/STRIPPING					P13.1
TANK, SURGE, LEAN AMINE, 39-V-4, HEIGHT: 20 FT ; DIAMETER: 5 FT A/N: 318640	D676				
VESSEL, 39-V-6, CONDENSATE DRUM, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 318640	D1285				
ACCUMULATOR, 39-V-7, LEAN AMINE BACKFLUSH, HEIGHT: 8 FT ; DIAMETER: 5 FT 9 IN A/N: 318640	D1286				
TANK, 39-TK-1, FRESH AMINE, HEIGHT: 13 FT 6 IN; DIAMETER: 12 FT A/N: 318640	D1282				
TANK, 39-TK-2, LEAN AMINE RUNDOWN, HEIGHT: 18 FT 6 IN; DIAMETER: 12 FT A/N: 318640	D1283				
TANK, 39-TK-3, LEAN AMINE SUMP, HEIGHT: 7 FT ; DIAMETER: 6 FT A/N: 318640	D1284				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 318640	D1352				H23.17
System 45: AMINE TREATING UNIT 45					S13.2, S15.4, S18.4, S56.1
TANK, SURGE, 45-V-4013, RICH AMINE, LENGTH: 35 FT ; DIAMETER: 14 FT 1 IN A/N: 485028	D444				E193.1

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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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
SCRUBBER, 45-V-4015, SOUR GAS, HEIGHT: 27 FT ; DIAMETER: 3 FT 6 IN A/N: 485028	D445				E193.1
ACCUMULATOR, 45-V-4008, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 485028	D647				
ABSORBER, 45-V-4006, AMINE CONTACTOR, HEIGHT: 65 FT ; DIAMETER: 4 FT A/N: 485028	D649				
DRUM, 45-V-4001, SOUR GAS KNOCKOUT, HEIGHT: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 485028	D1251				
REGENERATOR, 45-V-4007, AMINE, HEIGHT: 63 FT ; DIAMETER: 4 FT A/N: 485028	D1252				E336.3
TANK, FLASH, 45-V-4010, FLASH, RICH AMINE, VENTED TO ACID GAS RELIEF HEADER, HEIGHT: 12 FT ; DIAMETER: 4 FT 6 IN A/N: 485028	D1253				
SUMP, 45-SMP-1, AMINE, WIDTH: 10 FT 5 IN; DEPTH: 8 FT ; LENGTH: 13 FT 10 IN A/N: 485028	D1254				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 485028	D1367				H23.17
System 46: AMINE TREATING UNIT 46					S13.2, S15.4, S56.1

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
ACCUMULATOR, 46-V-4008, AMINE REGENERATOR, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 178087	D650				E336.3
TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT ; DIAMETER: 6 FT A/N: 178087	D651				
REGENERATOR, 46-V-4007, AMINE, HEIGHT: 63 FT ; DIAMETER: 4 FT A/N: 178087	D1255				
VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT ; DIAMETER: 2 FT A/N: 178087	D1256				
CONDENSER, 46-E-4011, AMINE REGENERATION OVERHEAD, FIN-FAN TYPE A/N: 178087	D1281				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178087	D1368				H23.17
System 55: AMINE TREATING UNIT 55					S4.6, S13.2, S15.4, S56.1
REGENERATOR, AMINE 55-V-1, HEIGHT: 70 FT ; DIAMETER: 8 FT A/N: 312556	D835				E336.3
ACCUMULATOR, AMINE OVERHEAD, 55-V-2, ACID GAS VENTED TO SULFUR PLANT, HEIGHT: 9 FT ; DIAMETER: 4 FT A/N: 312556	D837				

- * (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 ULTRAMAR INC

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: TREATING/STRIPPING					P13.1
VESSEL, CONDENSATE POT, 55-V-3, LENGTH: 9 FT ; DIAMETER: 3 FT 6 IN A/N: 312556	D839				
VESSEL, CONDENSATE POT, 55-V-4, LENGTH: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 312556	D840				
FILTER, VACCO, 55-F-1, LEAN AMINE, 300 GPM CAPACITY A/N: 312556	D846				
FILTER, CARBON, 55-F-2, LEAN AMINE, 300 GPM CAPACITY A/N: 312556	D847				
ACCUMULATOR, BLACKFLUSH STEAM, 55-V-5 A/N: 312556	D863				
TANK, BACKFLUSH RECOVERY, 55-V-6 A/N: 312556	D1210				
VESSEL, WASTE DECANTER, 55-V-7 A/N: 312556	D1211				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 312556	D1364			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	H23.16
DRAIN SYSTEM COMPONENT A/N: 312556	D1468				H23.4
Process 11: SULFUR PRODUCTION					P13.1
System 1: SULFUR RECOVERY UNIT TRAIN #1					S13.2, S13.9, S13.10, S15.11, S18.6, S56.1

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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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
KNOCK OUT POT, 40-V-09, SOUR WATER STRIPPER AMMONIA GAS, LENGTH: 14 FT 6 IN; DIAMETER: 3 FT A/N: 433985	D178				
KNOCK OUT POT, AMINE ACID GAS, 40-V-12, HEIGHT: 10 FT ; DIAMETER: 3 FT 6 IN A/N: 433985	D853				
KNOCK OUT POT, AMINE ACID GAS, 40-V-02, LENGTH: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 433985	D177				
DRUM, 40-V-08, REACTION FURANCE STEAM, LENGTH: 18 FT ; DIAMETER: 3 FT A/N: 433985	D1264				
VESSEL, 40-V-04, SULFUR CONVERTER, THREE STAGES, LENGTH: 30 FT ; DIAMETER: 8 FT A/N: 433985	D1265				
DRUM, 40-V-05, INTERMITTENT BLOWDOWN, (COMMON TO SRU TRAIN #1 AND 2), HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 433985	D1266				
DRUM, 40-V-10, CONTINUOUS BLOWDOWN, (COMMON TO SRU TRAIN #1 AND 2), HEIGHT: 3 FT ; DIAMETER: 10 FT A/N: 433985	D1650				

- * (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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
FURNACE, 40-H-05, REACTION, SULFUR, DIAMETER: 8 FT; LENGTH: 14 FT 6 IN WITH A/N: 433985 BURNER, 40-SP-5, COPE, HYDROGEN SULFIDE, 57.81 MMBTU/HR BURNER, 40-H-02, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR BURNER, 40-H-03, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR BURNER, 40-H-04, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR	D1267	D179 D182 D200 D678 D679 D848 D849 D850 C1260 D1262 D1263 D1576			D182.6, E73.3
BOILER, 40-B-05, WASTE HEAT, HYDROGEN SULFIDE, NON-FIRED TYPE, 57.81 MMBTU/HR A/N: 433985	D1268				
BLOWER, RECYCLE, 40-BL-03 A/N: 433985	D854				
CONDENSER, 40-E-01-R1, NO. 1, SULFUR A/N: 433985	D1410				
CONDENSER, 40-E-02, NO. 2, SULFUR A/N: 433985	D1411				

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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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
CONDENSER, 40-E-03, NO. 3, SULFUR A/N: 433985	D1412				
CONDENSER, 40-E-04, NO. 4, SULFUR A/N: 433985	D1413			H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; H2S: 10 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; HAP: (10) [40CFR 63 Subpart UUU, #4, 4-20-2006]; REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433985	D1349				H23.17
System 2: SULFUR RECOVERY UNIT TRAIN #2					S13.2, S13.9, S13.10, S15.11, S18.6, S56.1
KNOCK OUT POT, 40-V-59, SOUR WATER STRIPPER AMMONIA GAS, LENGTH: 36 FT 6 IN; DIAMETER: 3 FT A/N: 433987	D181				
KNOCK OUT POT, AMINE ACID GAS, 40-V-52, LENGTH: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 433987	D180				
KNOCK OUT POT, AMINE ACID GAS, 40-V-512, HEIGHT: 10 FT ; DIAMETER: 3 FT 6 IN A/N: 433987	D859				

- * (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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
VESSEL, 40-V-54, SULFUR CONVERTER, THREE STAGES, HEIGHT: 30 FT ; DIAMETER: 8 FT A/N: 433987	D1272				
DRUM, 40-V-05, INTERMITTENT BLOWDOWN, (COMMON TO SRU TRAIN #1 AND 2), HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 433985	D1266				
DRUM, 40-V-10, CONTINUOUS BLOWDOWN, (COMMON TO SRU TRAIN #1 AND 2), HEIGHT: 3 FT ; DIAMETER: 10 FT A/N: 433985	D1650				
DRUM, 40-V-58, REACTION FURNACE STEAM, HEIGHT: 18 FT ; DIAMETER: 3 FT A/N: 433987	D1274				

* (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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
FURNACE, 40-H-55, REACTION, HYDROGEN SULFIDE, 57.81 MMBTU/HR WITH A/N: 433987 BURNER, 40-SP-55, COPE, HYDROGEN SULFIDE, DUIKER, MODEL 300, DIAMETER: 6 FT; LENGHT: 9 FT, 57.81 MMBTU/HR BURNER, 40-H-52, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR BURNER, 40-H-53, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR BURNER, 40-H-54, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR	D1275	D179 D182 D200 D678 D679 D848 D849 D850 C1260 D1262 D1263 D1576			D182.6, E73.3
BOILER, 40-B-55, WASTE HEAT, NON-FIRED TYPE, HYDROGEN SULFIDE, DIAMETER: 4 FT 10 IN; LENGTH: 30 FT 6 IN, 57.81 MMBTU/HR A/N: 433987	D1279				
BLOWER, RECYCLE, 40-BL-53 A/N: 433987	D860				
CONDENSER, 40-E-51-R1, NO. 1, SULFUR A/N: 433987	D1414				

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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 ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
CONDENSER, 40-E-52, NO. 2, SULFUR A/N: 433987	D1415				
CONDENSER, 40-E-53, NO. 3, SULFUR A/N: 433987	D1416				
CONDENSER, 40-E-54, NO. 4, SULFUR A/N: 433987	D1417			H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; H2S: 10 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; HAP: (10) [40CFR 63 Subpart UUU, #4, 4-20-2006]; REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]; S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433987	D1350				H23.17
System 4: TAIL GAS STANDBY, OXIDATION CONTROL					S13.11, S18.7
OXIDIZER, THERMAL, 41-IN-02, SULFUR RECOVERY UNIT, NATURAL GAS, REFINERY GAS, 35.8 MMBTU/HR WITH A/N: 327327 BURNER, NATURAL GAS, REFINERY GAS, PCC/BLOOM, MODEL S-1160-280, SWIRL TYPE BAFFLE BURNER, WITH LOW NOX BURNER, STAGED COMBUSTION, 35.8 MMBTU/HR	C1260	D142 D148 D179 D182 D200 D674 D675 D848 D849 D850 D1262 D1263 D1267 D1275 D1576	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]	C8.1, C8.2, D29.11, D328.1, E71.3, E71.4
System 6: LIQUID SULFUR STORAGE					S15.8, S15.13

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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 ULTRAMAR INC

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 11: SULFUR PRODUCTION					P13.1
PIT, 40-TK-01, SULFUR, WIDTH: 15 FT ; DEPTH: 10 FT ; LENGTH: 50 FT A/N: 433988	D179	C1260 D1267 D1275		H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20, E73.2, E73.4
PIT, 40-TK-51, SULFUR, WIDTH: 15 FT ; DEPTH: 10 FT ; LENGTH: 50 FT A/N: 433989	D182	C1260 D1267 D1275		H2S: 10 PPMV (5) [RULE 468, 10-8-1976]; S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20, E73.2, E73.4
STORAGE TANK, FIXED ROOF, 40-TK-2, SULFUR, HEIGHT: 22 FT ; DIAMETER: 38 FT A/N: 433990	D848	C1260 D1267 D1275		S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20, E73.2, E73.4
System 7: SULFUR VCS SERVING STORAGE TANK, PITS AND LOADING RACK					S15.8, S15.13
EJECTOR, 40-EJ-101, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433988	D849	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-102, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433989	D850	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-104A, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990	D1263	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-104B, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990	D1576	C1260 D1267 D1275			H23.1
EJECTOR, 40-EJ-03R, SERVING TRUCK LOADING RACK, VENTED TO FRONT END OF SRU A/N: 433991	D1262	C1260 D1267 D1275			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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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: SULFUR PRODUCTION					P13.1
System 41: TAIL GAS UNIT 41, REDUCTION CONTROL					S4.5, S13.9, S15.8, S18.10, S56.1
GENERATOR, REDUCING GAS, 41-H-01, TRAIN 1 A/N: 485016	D678	D1267 D1275			
GENERATOR, REDUCING GAS, 41-H-51, TRAIN 2 A/N: 485016	D679	D1267 D1275			
REACTOR, HYDROGENATION, 41-V-03, TRAIN 1, LENGTH: 8 FT ; DIAMETER: 8 FT A/N: 485016	D674	C1260			E73.3
REACTOR, HYDROGENATION, 41-V-53, TRAIN 2, LENGTH: 8 FT ; DIAMETER: 8 FT A/N: 485016	D675	C1260			E73.3
TOWER, QUENCH, 41-V-01R, TRAIN 1, HEIGHT: 38 FT ; DIAMETER: 6 FT A/N: 485016	D1651				
TOWER, QUENCH, 41-V-51, TRAIN 2, HEIGHT: 38 FT ; DIAMETER: 6 FT A/N: 485016	D1473				
ABSORBER, AMINE, 39-V-02, TRAIN 1, HEIGHT: 42 FT ; DIAMETER: 7 FT A/N: 485016	D148	C1260		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]	D82.2, E73.3
ABSORBER, 41-V-05, AMINE, TRAIN 2, HEIGHT: 50 FT ; DIAMETER: 6 FT A/N: 485016	D142	C1260		CO: 2000 PPMV (5) [RULE 407, 4-2-1982]	D82.2, E73.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 485016	D1351				H23.17
Process 12: LOADING/UNLOADING					P13.1

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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 ULTRAMAR INC

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: LOADING/UNLOADING					P13.1
System 1: CRUDE AND GAS OIL TANK TRUCK UNLOADING					
UNLOADING ARM, BOTTOM, TANK TRUCK, TWO BOTTOM UNLOADING FLEXIBLE HOSES, CRUDE OIL, DIAMETER: 4 IN A/N: 178039	D185				H23.29
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178039	D1623				H23.17
System 2: LPG TANK TRUCK LOADING AND UNLOADING - PHASE I					
LOADING AND UNLOADING ARM, BOTTOM, TANK TRUCK, BUTANE, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN, 3 TOTAL; DIAMETER: 4 IN A/N: 178041	D186				E144.1
UNLOADING ARM, BOTTOM, TANK TRUCK, PROPANE, ONE POSITION, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 1 TOTAL; DIAMETER: 3 IN A/N: 178041	D187				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178041	D1624				H23.17
System 3: LPG TANK TRUCK LOADING/UNLOADING - PHASE II					
LOADING ARM, BOTTOM, TANK TRUCK, 53-ME-3A/B, LIQUIFIED PETROLEUM GAS, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 2 TOTAL; DIAMETER: 3 IN A/N: 178042	D190				E144.1

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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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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 12: LOADING/UNLOADING					P13.1
UNLOADING ARM, TANK TRUCK, 53-ME-4 A/B, BUTANE, WITH QUICK SHUT OFF VALVES AND VAPOR RETURN LINES, 2 TOTAL; DIAMETER: 3 IN A/N: 178042	D191				E144.1
DRUM, 53-V-3A, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, LENGTH: 6 FT ; DIAMETER: 3 FT A/N: 178042	D192				
DRUM, 53-V-3B, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 178042	D195				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178042	D1625				H23.17
System 4: TANK TRUCK BULK LOADING					
LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N: 391840	D196	D198			C1.28, D90.12
LOADING ARM, BOTTOM, TANK TRUCK, IDLED, GASOLINE, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N: 391840	D197	D198		HAP: (10) [40CFR 63 Subpart CC, #6, 5-25-2001]; VOC: 0.08 LBS/1000 GAL (5) [RULE 462, 5-14-1999]	C1.11, D90.12, H23.19

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

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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 12: LOADING/UNLOADING					P13.1
TANK, VAPOR RECOVERY DROP OUT, 53-V-2, WIDTH: 4 FT ; HEIGHT: 6 FT ; LENGTH: 5 FT A/N: 391840	D198	D196 D197 C1029			
SUMP, 94-SMP-1, CRUDE TANK DRAW OFF, WASTE WATER, COVERED, WIDTH: 10 FT ; DEPTH: 10 FT ; LENGTH: 10 FT A/N: 391840	D199			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25
LOADING ARM, TANK TRUCK, TOP, 53-ME-2 A/B, DECANT OIL, 2 TOTAL; DIAMETER: 4 IN A/N: 391840	D547				C1.28, D90.12
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 391840	D1626				H23.17
System 5: SULFUR TANK TRUCK AND TANK CAR LOADING					
LOADING ARM, SULFUR, DOUBLE PIPE JACKETED ARM, WITH VAPOR RETURN LINE, VENTED TO THE FRONT END OF THE SRU, WIDTH: 10 FT ; DEPTH: 9 FT ; LENGTH: 10 FT A/N: 433991	D200	C1260 D1267 D1275		S COMPOUND: 500 PPMV (5) [RULE 407, 4-2-1982]	A195.20, E73.2, E73.4
Process 13: OIL/WATER SEPARATION					
System 1: WASTE WATER TREATMENT SYSTEM					S4.3, S13.7, S56.1

- * (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 ULTRAMAR INC

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 13: OIL/WATER SEPARATION					
SUMP, DIVERSION BOX, FIXED COVER, 95-SMP-1, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, WIDTH: 21 FT 6 IN; DEPTH: 12 FT ; HEIGHT: 34 FT A/N: 458073	D201	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	H23.25
SUMP, 95-SMP-2, TREATED EFFLUENT SUMP (TES), EFFLUENT WATER, FIXED COVER, 28426 GALS; WIDTH: 14 FT ; DEPTH: 10 FT ; LENGTH: 20 FT A/N: 458073	D1618			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001A, FIXED COVER, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM A/N: 458073	D209	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
HOPPER, 95-ME-9004, FIXED COVER, SLUDGE, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM A/N: 458073	D212	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	

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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 ULTRAMAR INC

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 13: OIL/WATER SEPARATION					
TANK, CENTRIFUGE FEED, 95-TK-9019, FIXED ROOF, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: 458073	D213	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001B, FIXED COVER, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM A/N: 458073	D214	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
TANK, DESANDER, 95-TK-9021A, FIXED ROOF, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 11 FT ; DIAMETER: 6 FT A/N: 458073	D881	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
TANK, DESANDER, 95-TK-9021B, FIXED ROOF, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 11 FT ; DIAMETER: 6 FT A/N: 458073	D882	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; 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.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 13: OIL/WATER SEPARATION					
SUMP, 83-SMP-3, CRUDE TANK DRAW-OFF, FIXED COVER, 13800 GALS; WIDTH: 10 FT ; DEPTH: 9 FT ; LENGTH: 10 FT A/N: 458073	D999			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
TANK, 95-TK-9018, PPI SLUDGE BLOWDOWN, FIXED ROOF, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, 240 BBL; DIAMETER: 12 FT ; HEIGHT: 12 FT A/N: 458073	D1000	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
MIXER, 95-ME-9004MX, SLUDGE, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM A/N: 458073	D1002	D1235 D1236 D1239			
WASTE WATER SEPARATOR, 95-V-9003, INDUCED GAS FLOTATION UNIT(IGF), FIXED COVER, 1000 GPM CAPACITY, NITROGEN BLANKETED, LENGTH: 29 FT ; DIAMETER: 6 FT 6 IN A/N: 458073	D1003	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	

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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 13: OIL/WATER SEPARATION					
WASTE WATER SEPARATOR, API, 95-ME-9008, FIXED COVER, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, 1440000 GALS/DAY; WIDTH: 10 FT ; HEIGHT: 7 FT 1 IN; LENGTH: 79 FT A/N: 458073	D1224	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H116.1
TANK, 95-TK-9028, FIXED ROOF, DRY OIL, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT ; DIAMETER: 3 FT A/N: 458073	D1225	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
TANK, 95-TK-9029, FIXED ROOF, SCUM, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT ; DIAMETER: 3 FT 6 IN A/N: 458073	D1226	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
TANK, 95-TK-9030, FIXED ROOF, SULFURIC ACID, NITROGEN BLANKETED, HEIGHT: 7 FT ; DIAMETER: 6 FT A/N: 458073	D1227				
KNOCK OUT POT, 95-V-9004, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENT TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT ; DIAMETER: 1 FT 6 IN A/N: 458073	D1234	D1235 D1236 D1239			

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|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
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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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 (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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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 13: OIL/WATER SEPARATION					
TANK, 95-TK-9020, FIXED ROOF, WATER, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT ; DIAMETER: 3 FT A/N: 458073	D1240	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
TANK, 95-TK-9022, OIL DRAIN, FIXED ROOF, WITH NATURAL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT ; DIAMETER: 3 FT A/N: 458073	D1241	D1235 D1236 D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]	
SUMP, 83-SMP-02, OILY WATER, FIXED ROOF A/N: 458073	D1662			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]; VOC: 500 PPMV (5) [RULE 1176, 9-13-1996]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458073	D1353			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
DRAIN SYSTEM COMPONENT A/N: 458073	D1405			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	H23.25
System 2: WASTE WATER SEPARATION AND STORAGE					

* (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 13: OIL/WATER SEPARATION					
STORAGE TANK, FIXED ROOF, 21-TK-1000, WASTE WATER, WITH AN OIL SKIMMER; VENTED TO CARBON ADSORPTION SYSTEM, 150000 BBL; DIAMETER: 150 FT ; HEIGHT: 48 FT A/N: 422926	D253	C1207		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; BENZENE: 24 PPMV (6) [RULE 1401, 5-2-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]; VOC: 500 PPMV (8) [40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]	H23.13, K67.6
CARBON ADSORBER, TWO IN SERIES, EACH CONTAINING 6,600 LBS OF ACTIVATED CARBON A/N: 422926	C1207	D253			D90.5, E128.1, E153.2, K67.9
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422926	D1354				H23.17
System 3: VACUUM TRUCK CLEANOUT					S13.7
SUMP, 83-ME-4, VACUUM TRUCK CLEANOUT/UNLOADING, FIXED COVER, 1362 GALS; WIDTH: 11 FT ; DEPTH: 9 FT 11 IN; LENGTH: 17 FT A/N: 423686	D1658			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	
Process 14: STORAGE TANKS					P13.1
System 1: FIXED ROOF TANKS					S13.5
STORAGE TANK, FIXED ROOF, 81-TK-1, 25000 BBL; DIAMETER: 64 FT ; HEIGHT: 45 FT A/N: 190799	D217			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.3, C1.1, D90.10, H23.6
STORAGE TANK, FIXED ROOF, 81-TK-4, 25000 BBL; DIAMETER: 64 FT ; HEIGHT: 48 FT A/N: 190797	D218			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.3, C1.1, D90.10, H23.6

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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> |
|---|---|

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909A, 2000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: 178078	D219	D1236		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6
STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909B, 2000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: 178079	D220	D1236		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6
STORAGE TANK, FIXED ROOF, 48-TK-1, 20000 BBL; DIAMETER: 50 FT ; HEIGHT: 58 FT A/N: 178081	D221	D1236			B22.1, C1.24, D90.10, H23.12
STORAGE TANK, FIXED ROOF, 95-TK-1, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT ; HEIGHT: 31 FT A/N: 178082	D222	D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6
STORAGE TANK, FIXED ROOF, 95-TK-950, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT ; HEIGHT: 31 FT A/N: 178083	D223	D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6
STORAGE TANK, FIXED ROOF, 95-TK-952, WET SLOP OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT ; HEIGHT: 31 FT A/N: 178084	D224	D1239		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6

- * (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, SC-631, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 8 IN A/N: 207314	D234				K67.6
STORAGE TANK, FIXED ROOF, SC-803, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 350 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 4 FT 6 IN A/N: 207327	D245				K67.6
STORAGE TANK, FIXED ROOF, 91-P-915-TK-1, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 7 FT A/N: 207348	D251				
STORAGE TANK, FIXED ROOF, 83-TK-5, VENTED TO VAPOR RECOVERY, 5000 BBL; DIAMETER: 36 FT ; HEIGHT: 30 FT A/N: 178080	D252	D1236		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	B22.7, C1.23, D90.10, D90.12, H23.12, H23.25
STORAGE TANK, FIXED ROOF, 70-TK-1, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 550 GALS; DIAMETER: 3 FT 8 IN; HEIGHT: 7 FT A/N: 207311	D279				K67.6

* (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.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, ANTI-FOAM DILLUTION, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 5 FT 6 IN A/N: 207330	D283				K67.6
STORAGE TANK, FIXED ROOF, SC-615, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 207326	D974				K67.6
STORAGE TANK, FIXED ROOF, SC-607, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1000 GALS; DIAMETER: 6 FT ; LENGTH: 19 FT A/N: 207331	D975				K67.6
STORAGE TANK, FIXED ROOF, SC-605, 3000 GALS; DIAMETER: 7 FT ; LENGTH: 10 FT 6 IN A/N: 207322	D979				K67.6
STORAGE TANK, FIXED ROOF, SC-604, DIOXYLATED PHENOLIC RESIN, 2000 GALS; DIAMETER: 5 FT ; LENGTH: 12 FT A/N: 207324	D980				K67.6

- * (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, FIXED ROOF, 91-TK-9009, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1800 GALS; DIAMETER: 5 FT ; LENGTH: 12 FT A/N: 207349	D981				K67.6
STORAGE TANK, FIXED ROOF, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 1 IN A/N: 244612	D982				K67.6
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 244612	D1355				H23.17
STORAGE TANK, FIXED ROOF, 95-TK-9017, TREATED SOUR WATER, 3000 BBL; DIAMETER: 30 FT ; HEIGHT: 24 FT A/N: 420486	D1663			HAP: (10) [40CFR 63 Subpart CC, #2, 6-20-2013]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	B22.12, C1.46
System 2: EXTERNAL FLOATING ROOF TANKS					S13.5

* (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9001, CRUDE OIL, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT ; HEIGHT: 48 FT WITH A/N: 465213 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D255			HAP: (10) [40CFR 63 Subpart CC, #3A, 10-28-2009]	C1.2, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9002, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT ; HEIGHT: 48 FT WITH A/N: 465214 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D256			HAP: (10) [40CFR 63 Subpart CC, #3A, 10-28-2009]	B22.7, C1.2, D90.10, H23.7

* (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9003, DIESEL FUEL, CRUDE OIL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 451528 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D257			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	C1.38, H23.7

* (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9004, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, CRUDE OIL, GASOLINE, DIESEL FUEL, WELDED TANK SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT 6 IN WITH A/N: 316377 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D258			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	C1.9, D90.11, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9005, 150000 BBL; DIAMETER: 156 FT ; HEIGHT: 48 FT WITH A/N: 526586 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, WIPER, SLOTTED	D259			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	B22.10, C1.44, D90.10, H23.11, K67.6, K171.5

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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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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 14: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9006, 150000 BBL; DIAMETER: 156 FT ; HEIGHT: 48 FT WITH A/N: 451565 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED SLIDING COVER, WITH SLEEVE, UNSLOTTED	D260			HAP: (10) [40CFR 63 Subpart CC, #3A, 10-28-2009]	B22.4, C1.3, D90.10, H23.7

* (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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9007, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 201 FT 6 IN; HEIGHT: 48 FT WITH A/N: 465215 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D261			HAP: (10) [40CFR 63 Subpart CC, #3A, 10-28-2009]	B22.9, C1.40, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9008, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 289211 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, RIM MOUNTED	D262			HAP: (10) [40CFR 63 Subpart CC, #3A, 5-25-2001]	B22.8, C1.20, D90.10, H23.7

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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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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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9009, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 210 FT 6 IN; HEIGHT: 48 FT WITH A/N: 465216 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D263			HAP: (10) [40CFR 63 Subpart CC, #3A, 10-28-2009]	C1.21, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9010, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190796 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D264			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.5, C1.4, D90.10, H23.7

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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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9011, JET FUEL (JPA), FCC GASOLINE BLEND, WELDED SHELL, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 449917 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE	D265			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	C1.22, H23.7
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9012, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, GASOLINE, CRUDE OIL, DIESEL FUEL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 526261 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, WIPER TYPE, RIM MOUNTED GUIDEPOLE, GASKETED COVER, WITH FLOAT, WIPER, SLOTTED	D266			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	B22.11, C1.5, C1.45, D90.10, D90.11, H23.11, K171.5

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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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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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-7, 5000 BBL; DIAMETER: 36 FT ; HEIGHT: 32 FT WITH A/N: 178067 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D272			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.7, C1.19, D90.10, H23.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-8, 5000 BBL; DIAMETER: 36 FT ; HEIGHT: 32 FT WITH A/N: 241253 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D273			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.7, C1.19, D90.10, H23.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 81-TK-3, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190798 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D274			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B22.2, D90.10, H23.6, K67.6

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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 |
|--|--|

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-901, SLOP OIL, 20000 BBL; DIAMETER: 57 FT ; HEIGHT: 47 FT WITH A/N: 178065 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE	D276			BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]; VOC: 500 PPMV (8) [40CFR 61 Subpart FF, 12-4-2003]	H23.25, K67.6
STORAGE TANK, 94-TK-902, 20000 BBL; DIAMETER: 54 FT ; HEIGHT: 52 FT 5 IN WITH A/N: 178062 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE	D277			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	K67.6
System 3: PRESSURE TANKS, LPG STORAGE					
STORAGE TANK, PRESSURIZED, 82-V-1, PROPANE, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190788	D288	C400			

* (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 ULTRAMAR INC

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 14: STORAGE TANKS					P13.1
STORAGE TANK, PRESSURIZED, 82-V-2, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190786	D289	C400			
STORAGE TANK, PRESSURIZED, 82-V-3, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190787	D290	C400			
STORAGE TANK, PRESSURIZED, 82-V-4, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190785	D291	C400			
STORAGE TANK, PRESSURIZED, 82-V-5, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190784	D292	C400			
STORAGE TANK, PRESSURIZED, 82-V-14, PROPANE, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190789	D293	C400			

* (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, PRESSURIZED, 82-V-15, NATURAL GAS, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190790	D294	C400			
STORAGE TANK, PRESSURIZED, 94-V-500, PROPANE, 42000 GALS; DIAMETER: 10 FT ; LENGTH: 74 FT 10 IN A/N: 190791	D295				
STORAGE TANK, PRESSURIZED, 94-V-501, 42000 GALS; DIAMETER: 10 FT ; HEIGHT: 74 FT 10 IN A/N: 190783	D296				
System 4: MOBILE TANKS					
STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-7, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT ; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307864	D307	C308		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; BENZENE: 15 PPMV (6) [RULE 1401, 3-4-2005]; H2S: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]; VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8) [40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]	B22.6, C1.6, D90.10, H23.14, H23.25

* (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864	C308	D307 C612			D90.1, E153.1
STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-8, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT ; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307863	D309	C310		BENZENE: (10) [40CFR 61 Subpart FF, #1, 12-4-2003]; BENZENE: 15 PPMV (6) [RULE 1401, 3-4-2005]; H2S: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]; VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; VOC: 500 PPMV (8) [40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]	B22.6, C1.6, D90.10, H23.14, H23.25
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863	C310	D309 C613			D90.1, E153.1
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864	C612	C308			D90.1, E153.1
CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863	C613	C310			D90.1, E153.1

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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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307864	D1357				H23.17
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307863	D1358			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 5: PRESSURE TANKS, BUTANE STORAGE					S13.4, S56.1
STORAGE TANK, PRESSURIZED, 81-V-5, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190780	D284				
STORAGE TANK, PRESSURIZED, 81-V-6, BUTANE, 168000 GALS; DIAMETER: 36 FT 3 IN A/N: 190779	D285				
STORAGE TANK, PRESSURIZED, 81-V-7, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190778	D286				
STORAGE TANK, PRESSURIZED, 81-V-8, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190782	D287				
STORAGE TANK, PRESSURIZED, 81-V-3, BUTANE, SPHERICAL, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190781	D978				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 190781	D1442				H23.17
System 6: PRESSURE TANKS, OTHER					S56.1

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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 ULTRAMAR INC

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 14: STORAGE TANKS					P13.1
STORAGE TANK, PRESSURIZED, 33-V-1, AQUEOUS AMMONIA, 9000 GALS; DIAMETER: 9 FT ; HEIGHT: 19 FT A/N: 281825	D449				E144.1
System 7: INTERNAL FLOATING ROOF TANKS					S13.5, S31.6
STORAGE TANK, INTERNAL FLOATING ROOF, 82-TK-11, 150000 BBL; DIAMETER: 150 FT ; HEIGHT: 58 FT WITH A/N: 411695 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED FLEX-A-SEAL SINGLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D1460			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	B59.1, C1.32, C6.1, H23.11, K67.7
System 9: DOMED EXTERNAL FLOATING ROOF TANKS					S13.12

* (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 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 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9013, WELDED SHELL, 30000 BBL; DIAMETER: 70 FT ; HEIGHT: 48 FT WITH A/N: 533688 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM-MOUNTED DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D267			HAP: (10) [40CFR 63 Subpart CC, #2, 10-28-2009]	B59.2, C1.7, H23.11

* (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
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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 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-1, RAFFINATE, ALKYLATE, GASOLINE, MTBE, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 430942 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D268			HAP: (10) [40CFR 63 Subpart CC, #3A, 5-25-2001]	C1.12, 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.)
 (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 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-2, GASOLINE BLENDING PRODUCTS, GASOLINE, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450532 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D269			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.12, H23.6, K67.6

* (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.)
 (9) See App B for Emission Limits
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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: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-3, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450310 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D270			HAP: (10) [40CFR 63 Subpart CC, #3A, 5-25-2001]	C1.12, 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.)
 (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: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-4, WELDED SHELL, 50000 BBL; DIAMETER: 91 FT ; HEIGHT: 48 FT WITH A/N: 450533 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D271			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.43, H23.6, K67.6

* (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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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: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-900, WELDED SHELL, 55000 BBL; DIAMETER: 98 FT ; HEIGHT: 44 FT 8 IN WITH A/N: 450309 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D275			HAP: (10) [40CFR 63 Subpart CC, #2, 5-25-2001]	H23.6, K67.6

* (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.)
 (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 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-903, WELDED SHELL, 35000 BBL; DIAMETER: 71 FT ; HEIGHT: 52 FT WITH A/N: 450534 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D278			HAP: (10) [40CFR 63 Subpart CC, #2, 6-23-2003]	K67.6

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-9, RAFFINATE, MTBE, ALKYLATE, GASOLINE, WELDED SHELL, 100000 BBL; DIAMETER: 130 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450535 DOME COVER, GEODESIC FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D448			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.29, C1.30, H23.11, K67.6

* (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.)
 (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 ULTRAMAR INC

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: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9030, GASOLINE, CRUDE, GAS OIL, NAPHTHA, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT ; HEIGHT: 56 FT WITH A/N: 450536 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D864			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.8, H23.11, K67.6

* (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.)
 (9) See App B for Emission Limits
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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 14: STORAGE TANKS					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9031, GASOLINE, CRUDE, GAS OIL, NAPHTHA, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT ; HEIGHT: 56 FT WITH A/N: 450538 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED	D868			HAP: (10) [40CFR 63 Subpart CC, #3A, 6-23-2003]	C1.8, H23.11, K67.6
Process 15: STEAM GENERATION					
System 1: BOILER					

* (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 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 15: STEAM GENERATION					
BOILER, 86-B-9000, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 527886 BURNER, REFINERY GAS, ZURN, MODEL MJ-21, ONE BURNER, 39 MMBTU/HR	D377		NOX: LARGE SOURCE**; SOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 125 PPMV (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.10, B61.2, D28.11, D29.16, D90.3, H23.5, H23.37
System 2: BOILER					
BOILER, 86-B-9001, REFINERY GAS, 127.8 MMBTU/HR A/N: 527885	D378	C379	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.01 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; PM: 0.01 GRAINS/SCF (5B) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 476, 10-8-1976]	A63.10, A195.15, A327.1, B61.2, D29.16, D90.3, D328.1, H23.5, H23.37
SELECTIVE CATALYTIC REDUCTION, UOP/SHELL, MODEL #SFGT-N, WITH 200 HP BLOWER A/N: 177992	C379	D378		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D28.13
System 4: BOILER					S31.5

* (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 ULTRAMAR INC

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: STEAM GENERATION					
BOILER, 86-B-9002, REFINERY GAS, RENTECH BOILER SYSTEMS, MODEL BAF-200/250, 245 MMBTU/HR WITH A/N: 527884 BURNER, REFINERY GAS, COEN, MODEL DAF-42, WITH LOW NOX BURNER, 245 MMBTU/HR	D1550	C1551	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 50 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.015 LBS/MMBTU (8) [CONSENT DECREE VALERO, 6-16-2005]; NOX: 7 PPMV(Monthly) (4) [RULE 2005, 5-6-2005]; NOX: 9 PPMV (4) [RULE 2005, 5-6-2005]; PM: 0.01 GRAINS/SCF (5B) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 476, 10-8-1976]	A1.2, A63.9, A63.10, A99.6, A195.1, A195.16, A327.1, B61.1, B61.2, D29.10, D29.16, D82.5, D90.3, H23.5, H23.28, H23.37, K67.10
VESSEL, DEAERATOR, 86-V-1, HEIGHT: 10 FT ; DIAMETER: 7 FT A/N: 527884	D1552				
DRUM, BOILER BLOWDOWN, 86-V-2, LENGTH: 6 FT ; DIAMETER: 4 FT A/N: 527884	D1553				
TANK, OXYGEN SCAVENGER, 86-TK-2, PORTABLE A/N: 527884	D1554				
TANK, DISPERSENT/POLYMER, 86-TK-3, PORTABLE A/N: 527884	D1555				

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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 ULTRAMAR INC

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 15: STEAM GENERATION					
TANK, AMINE, 86-TK-4, PORTABLE A/N: 527884	D1556				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 527884	D1668				H23.17
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER 86-B-9002, RENTECH BOILER SYSTEMS, CORMETECH, 225 CU.FT. WITH A/N: 416629 AMMONIA INJECTION	C1551	D1550		NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A1.3, D28.4, E73.1, K171.1
Process 17: AIR POLLUTION CONTROL					
System 1: VAPOR RECOVERY UNIT					S4.8, S56.1, S58.1
KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT ; DIAMETER: 6 FT A/N:	D398				
COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N:	D548				
KNOCK OUT POT, STANDBY COMPRESSOR DISCHARGE, 93-V-9003, LENGTH: 6 FT ; DIAMETER: 2 FT A/N:	C397				
KNOCK OUT POT, SUCTION, 93-V-9005, LENGTH: 12 FT ; DIAMETER: 6 FT A/N:	C394				

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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 ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
KNOCK OUT POT, FIRST STAGE, 93-V-9006, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N:	C395				
COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N:	D549				
VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT ; DIAMETER: 3 FT 6 IN A/N:	D396				
EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N:	D1299				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D872				H23.17
System 2: LPG EMERGENCY FLARE UNIT					S18.9
KNOCK OUT POT, FLARE, 82-V-16, HEIGHT: 16 FT ; DIAMETER: 8 FT A/N: 182240	D399				
FLARE, 82-FT-1, JOHN ZINK, MODEL EEF-LH-915-23, LPG EMERGENCY, AIR ASSISTED, HEIGHT: 76 FT ; DIAMETER: 8 FT A/N: 182240	C400	D288 D289 D290 D291 D292 D293 D294		H2S: 160 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]	D12.8, D323.2, E193.2, H23.5, H23.30
System 3: REFINERY RELIEF AND PHASE 0 FLARE UNIT					S58.2

* (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

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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
FLARE, ELEVATED WITH STEAM INJECTION, 89-FT-900, PHASE 0, CALLIDUS, MODEL BTZ-US-24, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-24, 18 STEAM JETS, DIAMETER: 2 FT A/N:	C401				C1.13, D12.8, D323.2, E193.2, H23.30, I1.1
DRUM, 89-V-9006, PHASE 0 FLARE WATER SEAL, LENGTH: 12 FT ; DIAMETER: 7 FT A/N:	D405				
DRUM, LIQUID BLOWDOWN, 89-V-9004, LENGTH: 16 FT ; DIAMETER: 8 FT A/N:	D407				
DRUM, LIQUID BLOWDOWN, 75-V-3, LENGTH: 20 FT ; DIAMETER: 10 FT A/N:	D408	D42			
System 4: ACID GAS FLARE UNIT					
KNOCK OUT POT, FLARE, 40-V-06, LENGTH: 8 FT ; DIAMETER: 3 FT 8 IN A/N: 178004	D409				
System 10: GASOLINE TANK TRUCK LOADING VAPOR RECOVERY SYSTEM					
CARBON ADSORBER, CARBON ADSORPTION, 53-ME-12-V-1A&B, WITH PRV VENTED TO ATMOSPHERE, HEIGHT: 6 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 286678	C1029	D198			D12.3, D232.1

* (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
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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 17: AIR POLLUTION CONTROL					
VESSEL, SEPARATOR, 53-ME-12-V-2, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 286678	D1030				
ABSORBER, 53-ME-12-V-3, HEIGHT: 17 FT ; DIAMETER: 2 FT 2 IN A/N: 286678	D1031				
PUMP, 53-ME-12-P-3, VACUUM, WITH PACKED SEAL AND 40 HP MOTOR A/N: 286678	D1035				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 286678	D1365			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.17
System 11: VAPOR RECOVERY SYSTEM SERVING WASTEWATER SYSTEM					S18.1, S56.1
POT, 95-V-9001, VAPOR RECOVERY DRAIN, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 487822	D1237				
EJECTOR, 95-EJ-1A, STEAM, SIZE: 3" A/N: 487822	D1235	D201 D209 D212 D213 D214 D404 D881 D882 D1000 D1002 D1003 D1224 D1225 D1226 D1234 D1239 D1240 D1241			

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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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 17: AIR POLLUTION CONTROL					
EJECTOR, 95-EJ-1B, STEAM, SIZE: 3" A/N: 487822	D1236	D201 D209 D212 D213 D214 D219 D220 D221 D252 D404 D881 D882 D1000 D1002 D1003 D1224 D1225 D1226 D1234 D1239 D1240 D1241			
POT, 95-V-9002, VAPOR RECOVERY DRAIN, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 487822	D1238				
EJECTOR, 89-EJ-1, STEAM, SIZE: 3" A/N: 487822	D1239	D201 D209 D212 D213 D214 D222 D223 D224 D404 D881 D882 D1000 D1002 D1003 D1224 D1225 D1226 D1234 D1235 D1236 D1240 D1241			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 487822	D1366			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 13: REFINERY RELIEF AND PHASE II FLARE UNIT					S58.2

* (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
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FACILITY PERMIT TO OPERATE ULTRAMAR INC

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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 17: AIR POLLUTION CONTROL					
FLARE, ELEVATED WITH STEAM INJECTION, PHASE II, 75-FT-1, CALLIDUS, MODEL BTZ-US-30, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS, DIAMETER: 2 FT 6 IN A/N:	C403			H2S: 160 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]	C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1
DRUM, 75-V-1, PHASE II FLARE WATER SEAL, LENGTH: 30 FT ; DIAMETER: 12 FT A/N:	D406				
System 14: REFINERY RELIEF AND PHASE I FLARE UNIT					
FLARE, ELEVATED WITH STEAM INJECTION, PHASE I, 89-FT-9000, CALLIDUS, MODEL BTZ-US-30, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS, DIAMETER: 2 FT 6 IN A/N:	C402			H2S: 160 PPMV (8) [40CFR 60 Subpart J, 6-24-2008]	C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1
DRUM, 89-V-9002, PHASE I FLARE WATER SEAL, LENGTH: 32 FT ; DIAMETER: 11 FT A/N:	D404	D1235 D1236 D1239			
System 50: PHASE II AMINE TREATING UNIT 50					
ABSORBER, 50-V-1, AMINE, HEIGHT: 65 FT ; DIAMETER: 3 FT A/N: 178087	D151				
SCRUBBER, 50-V-6, HEIGHT: 27 FT ; DIAMETER: 3 FT A/N: 178087	D563				

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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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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 17: AIR POLLUTION CONTROL					
DRUM, 50-V-2, FUEL GAS KNOCKOUT, HEIGHT: 9 FT ; DIAMETER: 3 FT A/N: 178087	D1302				
SUMP, 50-SMP-1, AMINE, WIDTH: 8 FT ; DEPTH: 12 FT ; LENGTH: 8 FT A/N: 178087	D1304				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178087	D1369				H23.17
System 88: FUEL GAS MIXING					S56.1
KNOCK OUT POT, 88-V-903, FUEL GAS, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: 423247	D1406				
SCRUBBER, 88-V--9003, CAUSTIC, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 423247	D1407				
DRUM, 88-V-9015, FUEL GAS MIXING, HEIGHT: 10 FT ; DIAMETER: 7 FT A/N: 423247	D1408				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 423247	D1418				H23.17
System 97: AMINE TREATING UNIT 97					S13.2, S18.4, S56.1
REGENERATOR, AMINE, 97-V-406, HEIGHT: 60 FT ; DIAMETER: 2 FT 6 IN A/N: 256881	D170				

- * (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.

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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 17: AIR POLLUTION CONTROL					
KNOCK OUT POT, 97-V-414, AMINE STRIPPER, HEIGHT: 5 FT 6 IN; DIAMETER: 2 FT A/N: 256881	D1296				
SCRUBBER, 97-V-4, FLARE GAS, HEIGHT: 27 FT ; DIAMETER: 4 FT 1 IN A/N: 256881	D1297				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 256881	D1370				H23.17
Process 19: PETROLEUM MISCELLANEOUS					
System 1: FUEL DISPENSING STATION					
FUEL DISPENSING NOZZLE, VST PHASE II EVR W/O ISD: VR-203, GASOLINE, 2 TOTAL A/N: 493022	D983			ROG: (9) [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II, 3-7-2008]	D330.1
FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, DIESEL FUEL, 2 TOTAL A/N: 493022	D984				
STORAGE TANK, UNDERGROUND, DUAL COMPARTMENT, DIESEL, 8000 GALS, GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM PHIL-TITE (VR-101-D), 12000 GALS A/N: 493022	D990			ROG: (9) [RULE 461, Phil-Tite Phase I, VST w/o ISD Phase II, 3-7-2008]	C1.36, C1.37
System 2: EMERGENCY EQUIPMENT					

* (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 ULTRAMAR INC

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 19: PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3512B-DITA, WITH AFTERCOOLER, TURBOCHARGER, 1807 BHP A/N: 375761	D1305		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LEAN BURN, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, WITH AFTERCOOLER, TURBOCHARGER, 755 BHP A/N: 487438	D1639		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 216 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; NOX + ROG: 4.8 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (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, C1.41, E193.7, H23.31
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, MOBILE, DIESEL FUEL, 250 HP A/N: 289099	D992		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 10.825 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 0.72 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2

* (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 ULTRAMAR INC

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 19: PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008A, DIESEL FUEL, 380 HP A/N: 289097	D993		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 16.45 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 1.095 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008B, DIESEL FUEL, 380 HP A/N: 289096	D994		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 16.45 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 1.095 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-915, DIESEL FUEL, 180 HP A/N: 289094	D995		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 7.795 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 0.52 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001A, DIESEL FUEL, 510 HP A/N: 289092	D996		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 22.08 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 1.47 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001B, DIESEL FUEL, 510 HP A/N: 289090	D997		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 22.08 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 1.47 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916A, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305900	D1021		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 14.911 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 0.195 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2

- * (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 ULTRAMAR INC

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 19: PETROLEUM MISCELLANEOUS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916B, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305901	D1022		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 14.911 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 0.195 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, WITH AFTERCOOLER, TURBOCHARGER, 474 BHP A/N: 307737	D1259		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	NOX: 9.08 LBS/HR (2) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; SOX: 0.191 LBS/HR (2) [RULE 2011, 5-6-2005]	B61.3, C1.17, D12.2, D135.1, H23.26, K67.2
System 3: AMMONIA VAPORIZATION					
VESSEL, VAPORIZER, 88-E-1A/B A/N: 289088	D1009				K67.5
STORAGE TANK, 88-V-9004, ANHYDROUS AMMONIA, 10000 GALS; DIAMETER: 8 FT ; LENGTH: 22 FT 6 IN A/N: 289088	D998				
System 4: ABRASIVE BLASTING EQUIPMENT					

* (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 ULTRAMAR INC

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 19: PETROLEUM MISCELLANEOUS					
ABRASIVE BLASTING, CABINET, MEDIA BLAST AND ABRASIVES, MODEL N200 SIZE 6060, WITH INTEGRAL DUST COLLECTOR, ALUMINUM OXIDE, WITH TWO FILTER CARTRIDGE (440 SQ FT TOTAL FILTER AREA), WIDTH: 5 FT ; HEIGHT: 4 FT ; LENGTH: 5 FT WITH A/N: 420480 ABRASIVE BLASTING NOZZLE, ONE NOZZLE, DIAMETER: .38 IN; 80 PSIA BLOWER, 1160 CU.FT./MIN; 2 HP	D1477			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	B27.1, C1.34, C6.2, C6.3, D322.2, D381.1, E102.2, H23.23, K67.8
Process 21: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E1386				H23.8
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E1387			VOC: (9) [RULE 1171, 11-7-2003; RULE 1171, 2-1-2008]	H23.21
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E1388				H23.9
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E1389				H23.20
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E1391			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.1, D381.1, E102.1, K67.8

- | | |
|---|---|
| <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 ULTRAMAR INC

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 21: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E1394			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	E1396				H23.10

* (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 ULTRAMAR INC

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.**

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D691	21	4	5
D692	21	4	5
D693	21	4	5
D694	21	4	5
D695	21	4	5
D696	21	4	5
D697	22	4	5

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 ULTRAMAR INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D698	22	4	5
D699	22	4	5
D700	22	4	5
D701	22	4	5
D702	22	4	5
D703	22	4	5
D704	22	4	5
D705	23	4	5
D706	23	4	5
D707	23	4	5
D708	23	4	5
D762	23	4	5
D764	24	4	5
D766	24	4	5
D767	24	4	5
D768	24	4	6
C770	25	4	6
D774	48	10	1
D779	48	10	1
D782	53	10	10
D785	53	10	10
D786	53	10	10
D787	53	10	10
D788	40	7	3
D789	40	7	3
D812	41	8	1
D823	42	8	2
D835	59	10	55
D837	59	10	55
D839	60	10	55
D840	60	10	55
D846	60	10	55
D847	60	10	55
D848	67	11	6
D849	67	11	7

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D850	67	11	7
D853	61	11	1
D854	62	11	1
D859	63	11	2
D860	65	11	2
D863	60	10	55
D864	104	14	9
D868	105	14	9
D872	109	17	1
D881	73	13	1
D882	73	13	1
D883	1	1	1
D884	1	1	1
D885	1	1	1
D886	1	1	1
D887	1	1	1
D888	2	1	3
D889	2	1	3
D890	2	1	3
D891	3	1	3
D892	3	1	3
D894	3	1	5
D900	4	1	5
D901	4	1	5
D902	4	1	5
D907	4	1	5
D908	5	2	1
D909	5	2	1
D910	6	2	1
D911	6	2	1
D918	15	4	1
D919	15	4	1
D920	17	4	1
D921	17	4	1
D922	19	4	3

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 ULTRAMAR INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D924	19	4	3
D925	29	5	1
D926	29	5	1
D927	29	5	1
D930	29	5	1
D931	29	5	1
D932	29	5	1
D933	29	5	1
D934	29	5	1
D935	30	5	1
D936	30	5	1
D937	30	5	1
D938	30	5	1
D939	30	5	1
D940	30	5	1
D941	30	5	1
D942	31	5	1
D943	31	5	1
D944	31	5	1
D945	31	5	1
D946	31	5	1
D948	33	7	1
D949	36	7	1
D950	36	7	1
D952	37	7	1
D953	37	7	1
D954	37	7	1
D955	41	8	1
D956	41	8	1
D957	42	8	1
D958	43	8	2
D959	43	8	2
D960	43	8	2
D961	43	8	2
D963	43	8	2

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 ULTRAMAR INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D964	45	8	4
D965	44	8	4
D966	45	8	4
D971	49	10	2
D972	49	10	3
D973	52	10	7
D974	80	14	1
D975	80	14	1
D976	50	10	4
D977	52	10	7
D978	94	14	5
D979	80	14	1
D980	80	14	1
D981	81	14	1
D982	81	14	1
D983	115	19	1
D984	115	19	1
D985	49	10	3
D986	49	10	3
D987	49	10	3
D988	50	10	3
D989	50	10	3
D990	115	19	1
D992	116	19	2
D993	117	19	2
D994	117	19	2
D995	117	19	2
D996	117	19	2
D997	117	19	2
D998	118	19	3
D999	74	13	1
D1000	74	13	1
D1002	74	13	1
D1003	74	13	1
D1009	118	19	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1011	36	7	1
D1021	117	19	2
D1022	118	19	2
D1023	12	3	1
D1024	12	3	1
C1029	110	17	10
D1030	111	17	10
D1031	111	17	10
D1035	111	17	10
D1057	17	4	1
D1058	17	4	1
C1207	77	13	2
D1210	60	10	55
D1211	60	10	55
D1212	31	5	1
D1213	31	5	1
D1214	31	5	1
D1224	75	13	1
D1225	75	13	1
D1226	75	13	1
D1227	75	13	1
D1231	9	2	7
D1232	10	2	7
D1233	10	2	7
D1234	75	13	1
D1235	111	17	11
D1236	112	17	11
D1237	111	17	11
D1238	112	17	11
D1239	112	17	11
D1240	76	13	1
D1241	76	13	1
D1247	12	3	1
D1249	12	3	1
D1251	58	10	45

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1252	58	10	45
D1253	58	10	45
D1254	58	10	45
D1255	59	10	46
D1256	59	10	46
D1259	118	19	2
C1260	66	11	4
D1262	67	11	7
D1263	67	11	7
D1264	61	11	1
D1265	61	11	1
D1266	61	11	1
D1266	64	11	2
D1267	62	11	1
D1268	62	11	1
D1272	64	11	2
D1274	64	11	2
D1275	65	11	2
D1279	65	11	2
D1281	59	10	46
D1282	57	10	39
D1283	57	10	39
D1284	57	10	39
D1285	57	10	39
D1286	57	10	39
D1288	37	7	1
D1289	37	7	1
D1291	45	8	5
D1292	45	8	5
D1293	46	8	5
D1294	50	10	4
D1295	50	10	4
D1296	115	17	97
D1297	115	17	97
D1299	109	17	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1302	114	17	50
D1304	114	17	50
D1305	116	19	2
D1306	24	4	5
D1307	23	4	5
D1308	23	4	5
D1309	23	4	5
D1310	1	1	1
D1312	3	1	3
D1314	4	1	5
D1317	6	2	1
D1318	7	2	3
D1319	8	2	5
D1321	12	3	1
D1323	18	4	1
D1325	19	4	3
D1327	24	4	5
D1328	26	4	7
D1331	32	5	1
D1333	38	7	1
D1334	40	7	3
D1336	42	8	1
D1337	43	8	2
D1338	44	8	3
D1339	45	8	4
D1340	46	8	5
D1341	47	9	1
D1342	48	10	1
D1343	49	10	2
D1344	50	10	3
D1345	50	10	4
D1346	51	10	5
D1347	51	10	6
D1348	52	10	8
D1349	63	11	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1350	66	11	2
D1351	68	11	41
D1352	57	10	39
D1353	76	13	1
D1354	77	13	2
D1355	81	14	1
D1357	94	14	4
D1358	94	14	4
D1363	53	10	10
D1364	60	10	55
D1365	111	17	10
D1366	112	17	11
D1367	58	10	45
D1368	59	10	46
D1369	114	17	50
D1370	115	17	97
D1371	48	10	1
D1381	16	4	1
D1382	15	4	1
D1383	16	4	1
D1384	17	4	1
D1385	16	4	1
E1386	119	21	0
E1387	119	21	0
E1388	119	21	0
E1389	119	21	0
E1391	119	21	0
E1394	120	21	0
E1396	120	21	0
D1402	43	8	3
D1403	43	8	3
D1404	44	8	3
D1405	76	13	1
D1406	114	17	88
D1407	114	17	88

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1408	114	17	88
D1410	62	11	1
D1411	62	11	1
D1412	63	11	1
D1413	63	11	1
D1414	65	11	2
D1415	66	11	2
D1416	66	11	2
D1417	66	11	2
D1418	114	17	88
D1442	94	14	5
D1460	95	14	7
D1464	25	4	7
D1465	26	4	7
D1466	26	4	7
D1467	26	4	7
D1468	60	10	55
D1469	24	4	5
D1471	48	10	1
D1472	53	10	10
D1473	68	11	41
D1477	119	19	4
D1483	33	7	1
D1484	34	7	1
D1485	34	7	1
D1486	34	7	1
D1487	35	7	1
D1488	35	7	1
D1489	35	7	1
D1490	36	7	1
D1491	36	7	1
D1493	36	7	1
D1496	37	7	1
D1498	37	7	1
D1499	38	7	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1500	38	7	1
D1501	38	7	1
D1505	38	7	1
D1509	38	7	1
D1511	35	7	1
D1513	38	7	1
D1515	38	7	3
D1516	38	7	3
D1517	39	7	3
D1518	40	7	3
D1519	40	7	3
D1525	52	10	8
D1550	107	15	4
C1551	108	15	4
D1552	107	15	4
D1553	107	15	4
D1554	107	15	4
D1555	107	15	4
D1556	108	15	4
D1566	13	3	5
C1567	14	3	5
D1568	14	3	6
C1569	14	3	6
D1576	67	11	7
D1590	31	5	1
D1591	32	5	1
D1593	32	5	1
D1594	32	5	1
D1597	54	10	14
D1598	54	10	14
D1599	55	10	14
D1600	55	10	14
D1601	55	10	14
D1602	55	10	14
D1603	55	10	14

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1604	55	10	14
D1605	56	10	14
D1607	56	10	14
D1608	56	10	14
D1610	56	10	14
D1611	56	10	14
C1615	13	3	3
D1618	72	13	1
D1623	69	12	1
D1624	69	12	2
D1625	70	12	3
D1626	71	12	4
D1639	116	19	2
D1640	15	3	7
D1642	53	10	13
D1643	53	10	13
D1644	53	10	13
D1645	54	10	13
D1646	54	10	13
D1647	54	10	13
C1648	54	10	13
D1649	54	10	13
D1650	61	11	1
D1650	64	11	2
D1651	68	11	41
D1658	77	13	3
D1659	44	8	3
D1660	46	8	6
C1661	47	9	1
D1662	76	13	1
D1663	81	14	1
D1664	33	7	1
D1665	34	7	1
D1666	37	7	1
D1667	37	7	1

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1668	108	15	4

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F8.1 The operator shall comply with all applicable mitigation measures and/or project conditions stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

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]

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Total Reduced Sulfur

H₂S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

- a. Implementation of an inspection and maintenance program for all odor sources.
- b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.
- c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.
- d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.
- e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

- F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 ULTRAMAR INC

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 ULTRAMAR INC

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):

California Code of Regulations, Title 13, Division 3, Chapter 5

40CFR79

40CFR80

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

40 CFR 60 Subpart A

40 CFR 61 Subpart A

40 CFR 63 Subpart A

40CFR63, Subpart GGGGG

[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; 40CFR 63 Subpart GGGGG, 11-29-2006]

F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CONSENT DECREE Civil No. SA-05-CA-0569. The facility shall send the District a copy of the semiannual update report sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree. This report shall also identify any anticipated future requirements known as of the date of the report and dates of compliance for the requirements.

[CONSENT DECREE VALERO, 6-16-2005]

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
Benzene	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

S1.1 The operator shall limit the throughput to no more than 650000 ton(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 ULTRAMAR INC

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]**

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 34 LBS IN ANY ONE DAY
CO	Less than or equal to 76 LBS IN ANY ONE DAY
PM	Less than or equal to 101 LBS IN ANY ONE DAY

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

[Systems subject to this condition : Process 4, System 8]

S4.1 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-2-2008]

[Systems subject to this condition : Process 10, System 8]

S4.2 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

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

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new process drains shall be equipped with P-trap or seal pot.

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

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

S4.3 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to District Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2; Process 13, System 1]

S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of SCAQMD Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

[RULE 1173, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008; 40CFR 60 Subpart QQQ, 10-17-2000]

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

S4.5 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

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.

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

[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; 40CFR 60 Subpart GGG, 6-2-2008]

[Systems subject to this condition : Process 11, System 41]

S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to SCAQMD 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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, 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 limitation.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

**[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; 40CFR 60 Subpart GGG, 6-2-2008]**

[Systems subject to this condition : Process 4, System 5; Process 10, System 1 , 10 , 13
, 55]

S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to District Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

**[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; 40CFR 60 Subpart GGG, 6-2-2008]**

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 8, System 1 , 2]

S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All components are subject to SCAQMD Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the SCAQMD 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, and valves not commercially available.

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.

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

The operator shall provide to the SCAQMD, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

S4.10 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

[RULE 1173, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008; 40CFR 60 Subpart QQQ, 10-17-2000]

[Systems subject to this condition : Process 8, System 3 , 6]

S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

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

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

Contaminant	Rule	Rule/Subpart

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Systems subject to this condition : Process 2, System 6 , 7]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5 , 6; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 13 , 39 , 45 , 46 , 55; Process 11, System 1 , 2; Process 17, System 50 , 97]

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	1149
VOC	District Rule	463

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

[Systems subject to this condition : Process 14, System 5]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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	463
VOC	District Rule	1149
VOC	District Rule	1178

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 1 , 2 , 7]

S13.7 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
VOC	40CFR60, SUBPART	QQQ
Benzene	40CFR61, SUBPART	FF

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000; 40CFR 61 Subpart FF, 12-4-2003]

[Systems subject to this condition : Process 13, System 1 , 3]

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Total Reduced Sulfur	40CFR60, SUBPART	J
H2S	40CFR60, SUBPART	J

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

[Systems subject to this condition : Process 11, System 1 , 2 , 41]

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR63, SUBPART	UUU

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 11, System 1 , 2]

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determine independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

[Systems subject to this condition : Process 11, System 4]

S13.12 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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

VOC | District Rule | 1178

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 9]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR63, SUBPART	UUU
HCl 34.64 <<NH3 3,709	40CFR63, SUBPART	UUU

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

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

S13.14 All devices under this system are subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 2-6-2009]

[Systems subject to this condition : Process 4, System 1 , 5 , 7; Process 5, System 1; Process 10, System 5]

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

All coker blowdown gases under normal operating conditions shall be directed to a vapor recovery system.

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

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

S15.3 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 sour gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 ULTRAMAR INC

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 3 , 5; Process 4, System 1 , 3 , 5;
Process 8, System 5]

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

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

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

[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 10, System 1 , 5 , 6 , 39 , 45 , 46 , 55]

S15.8 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 thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer 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 11, System 6 , 7 , 41]

S15.11 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 tail gas treating unit(s).

This process/system shall not be operated unless the tail 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 11, System 1 , 2]

S15.13 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 front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have 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 11, System 6 , 7]

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:

Wastewater Treatment System (Process: 13, 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 ULTRAMAR INC

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 17, System 11]

- 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:

Delayed Coking Units (Process: 2, System: 1 and 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]

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

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 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 10, System 45; Process 17, System 97]

- S18.5 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:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 10, System 10]

S18.6 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 Units (Process: 10, System: 1, 5, and 6)

Amine Treating Units (Process: 10, System: 39, 45, 46, and 55)

Tail Gas Unit (Process: 11, System: 41)

[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 11, System 1 , 2]

S18.7 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 Vapor Collection System Serving Storage Tank, Pits and Loading Rack (Process: 11, System: 6 and 7)

Tail Gas Unit (Process: 11, System: 41)

[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 11, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S18.9 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:

Pressurized Tanks, LPG (Process: 14, 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]

[Systems subject to this condition : Process 17, System 2]

S18.10 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 Unit, Trains 1 & 2 (Process: 11, System: 1 and 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 11, System 41]

S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All valves shall be leakless 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The SCAQMD shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon SCAQMD approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

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

[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 4, 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) 416627 (Unit 43), 416624 (Unit 56), 466997 (Unit 63), 485015 (Unit 67), 416622 (Unit 68), 416626 (Unit 69), 416628 (Unit 86-B-9002), and 465660 (Unit 88):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 closed vent system or equipped with rupture disc.

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

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

All valves in VO`C service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the SCAQMD in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the SCAQMD prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

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

[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 4, System 7; Process 7, System 1, 3; Process 8, System 3, 4, 6; Process 10, System 13; Process 15, System 4]

S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves 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.

All new components in VOC service as defined in Rule 1173, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

All new components in VOC service with a leak greater than 500 ppmv but less than

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 14, System 7]

S31.7 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 542026 (Unit 10), 542027 (Unit 11), 542028 (Unit 30), 542029 (Unit 31), 542035 (Unit 60), 542030 (Unit 43), 542031 (Unit 44):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 closed vent system or equipped with rupture disc.

All new light liquid pumps shall utilize double seals.

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

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

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the SCAQMD in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

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

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the SCAQMD.

The operator shall revert from a quarterly to monthly inspection program if less than 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm.

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

The operator shall provide to the SCAQMD, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[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, 3; Process 2, System 1, 3; Process 4, System 3; Process 8, System 4, 5]

S31.8 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 527889:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 new valves in VOC service shall be leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

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

All new components in VOC service as defined by Rule 1173, except valves and flanges shall be inspected quarterly using EPA Reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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

The following leaks shall be repaired within 2 calendar days -- any leak between 10,000 to 25,000 ppm, any atmospheric PRD leaking at a rate of 200 to 25,000 ppm, unless otherwise extended as allowed under Rule 1173.

The following leaks shall be repaired within 1 calendar day -- any leak greater than 25,000 ppm, heavy liquid leak greater than 500 ppm, or light liquid leak greater than 3 drops per minute

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

ppmv for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer. This condition shall not apply to leakless valves

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

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

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

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 16, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S56.1 Vent gases from all affected devices of this process/system shall be directed to a gas recovery system, except for the venting of gases from equipment specifically identified in a permit condition, and for the following events for which vent gases may be directed to a flare:

- 1) Vent gases resulting from an Emergency as defined in Rule 1118 ;
- 2) Vent gases resulting from Planned Shutdowns, Startups and/or Turnarounds as defined in Rule 1118, provided that the owner/operator follows the applicable options and any associated limitations to reduce flaring that were identified, evaluated and most recently submitted by the owner/operator to the Executive Officer pursuant to Rule 1118, or any other option(s) which reduces flaring for such planned events; and
- 3) Vent gases due to and resulting from an Essential Operational Need, as defined in Rule 1118.

The evaluation of options to reduce flaring during Planned Shutdowns, Startups and/or Turnarounds shall be updated annually to reflect any revisions, and submitted to the Executive Officer in the first quarter of each year, but no later than March 31st of that year.

This process/system shall not be operated unless its designated flare(s) and vapor recovery system are in full use and have valid permits to receive vent gases from this process/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, 3, 5; Process 2, System 1, 3, 5; Process 3, System 1; Process 4, System 1, 3, 5, 7; Process 5, System 1; Process 7, System 1, 3; Process 8, System 1, 2, 3, 4, 5, 6; Process 9, System 1; Process 10, System 1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 39, 45, 46, 55; Process 11, System 1, 2, 41; Process 13, System 1; Process 14, System 5, 6; Process 17, System 1, 11, 46, 50, 88, 97]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S58.1 The vapor recovery system shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Crude Distillation Units (Process 1: System 1, 3, 5)
Delayed Coking Units (Process 2: System 1, 3)
Delayed Coking Blowdown Unit (Process 2: System 5)
FCC Unit (Process 3: System 1)
Hydrotreating Units (Process 4: System 1, 3, 5, 7)
Catalytic Reforming Unit (Process 5: System 1)
Alkylation and Isomerization Units (Process 7: System 1, 3)
Gas Production Units (Process 8: System 1, 2, 3, 4, 5)
Blending Unit (Process 9: System 1)
Treating/Stripping Units (Process 10: System 1, 2, 3, 4, 5, 6, 7, 8)
Amine Treating Units (Process 10: System 10, 39, 45, 46, 55)
Fuel Gas Treating Unit (Process 10: System 13)
Tail Gas Treating Unit (Process 11: System 41)
Oil/Water Separation Unit (Process 13: System 1)
Storage Tanks (Process 14: System 1, 5, 6)
Air Pollution Control (Process 17: System 11, 50, 88, and 97)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means the compressor train (either 1st stage and 2nd stage compressors, or spare compressor in Process 17, System 1) is online at any given time, except during planned startups or shutdowns.

[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 ULTRAMAR INC

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 17, System 1]

S58.2 The Phase 0, I, and II flares shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Crude Distillation Units (Process 1: System 1, 3, 5)
Delayed Coking Units (Process 2: System 1, 3)
Delayed Coking Blowdown Unit (Process 2: System 5)
FCC Unit (Process 3: System 1)
Hydrotreating Units (Process 4: System 1, 3, 5, 7)
Catalytic Reforming Unit (Process 5: System 1)
Alkylation and Isomerization Units (Process 7: System 1, 3)
Gas Production Units (Process 8: System 1, 2, 3, 4, 5)
Blending Unit (Process 9: System 1)
Treating/Stripping Units (Process 10: System 1, 2, 3, 4, 5, 6, 7, 8)
Amine Treating Units (Process 10: System 10, 39, 45, 46, 55)
Fuel Gas Treating Unit (Process 10: System 13)
Sulfur Recovery Units (Process 11: System 1, 2)
Tail Gas Treating Unit (Process 11: System 41)
Oil/Water Separation Unit (Process 13: System 1)
Storage Tanks (Process 14: System 1, 5, 6)
Vapor Recovery System (Process 17: System 1)
Air Pollution Control (Process 17: System 11, 50, 88, and 97)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means the compressor train (either 1st stage and 2nd stage compressors, or spare compressor in Process 17, System 1) is online at any given time, except during planned startups or shutdowns.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 17, System 3 , 13 , 14]

DEVICE CONDITIONS

A. Emission Limits

A1.2 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

Emittant	Emission Limit Type	Averaging time (O2 Content)	Compliance Verification Method
CO	(5) - Command and Control	15 minute (3 percent oxygen)	Source Test
CO	(4)- BACT	1 hour (3 percent oxygen)	Certified CEMS
NOx	(4)- BACT	1 hour (3 percent oxygen)	Source Test, Certified CEMS
PM	(5) - Command and Control	1 hour (3 percent oxygen)	Source Test

The NOx BACT identified above applies only to the 9 PPM limit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 407, 4-2-1982; RULE 409, 8-7-1981; RULE 476, 10-8-1976]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A1.3 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

Emittant	Emission Limit Type	Averaging time (O2 Content)	Compliance Verification Method
NH3	(4)- BACT	1 hour (3 percent oxygen)	Source Test

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

[Devices subject to this condition : C1551]

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 7 LBS IN ANY ONE DAY
CO	Less than or equal to 18 LBS IN ANY ONE DAY
PM	Less than or equal to 22 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmcf; CO: 17.5 lbs/mmcf; and PM: 21 lb/mmcf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D98]

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 14 LBS IN ANY ONE DAY
CO	Less than or equal to 36 LBS IN ANY ONE DAY
PM	Less than or equal to 43 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

[Devices subject to this condition : D768]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 2 LBS PER DAY
CO	Less than or equal to 1 LBS PER DAY

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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 : D932]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 955 LBS PER DAY
PM	Less than or equal to 562 LBS PER DAY

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

[Devices subject to this condition : D36]

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 180 LBS IN ANY ONE DAY
PM10	Less than or equal to 86 LBS IN ANY ONE DAY
ROG	Less than or equal to 37 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment device ID Nos. D74, D68, D69, D71, D934, D940, D941, D942, and D943.

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

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 50 LBS IN ANY ONE DAY
ROG	Less than or equal to 20 LBS IN ANY ONE DAY

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmcf and CO: 17.5 lbs/mmcf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

[Devices subject to this condition : D12]

A63.7 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 10 Percent opacity

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

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31, D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.8 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 30 Percent opacity

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

[Devices subject to this condition : D36]

A63.9 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 1325 LBS IN ANY CALENDAR MONTH
PM10	Less than or equal to 2985 LBS IN ANY CALENDAR MONTH

The operator shall calculate the monthly emissions for VOC and PM10 using the equation below.

Calendar Monthly Emissions, lb/ month = (Calendar Monthly fuel usage in mmscf/day) * (Emission factors indicated below)

The emission factors for the boiler 86-B-9002 shall be as follows: VOC, 5.5 lb/mmscf; PM10, 7.6 lb/mmscf.

The operator shall maintain records in a manner approved by the SCAQMD to demonstrate compliance with this condition and the records shall be made available to SCAQMD personnel upon request.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D1550]

A63.10 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 2891 LBS IN ANY CALENDAR MONTH
PM10	Less than or equal to 5197 LBS IN ANY CALENDAR MONTH

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from Boiler 86-B-9000, Boiler 86-B-9001, Boiler 86-B-9002, Gas Turbine 79-GT-1, and Duct Burner.

The operator shall initially calculate the monthly emissions for VOC and PM10 using the equation below.

Monthly Emissions, lb/ month = (Monthly fuel usage in mmscf/day) * (Emission factors indicated below)

The emission factors for the gas turbine and duct burner during the commissioning period shall be as follows: VOC, 6.20 lb/mmscf; PM10, 14.01 lb/mmscf.

After commissioning, the emission factors of the gas turbine and duct burner shall be as follows: VOC, 4.14 lb/mmscf; PM: 9.78 lb/mmscf.

The emission factors for the boilers 86-B-9000, 86-B-9001, 86-B-9002 shall be as follows: VOC, 5.5 lb/mmscf; PM10, 7.6 lb/mmscf.

The VOC and PM10 emission factors for boilers 86-B-9000, 86-B-9001, 86-B-9002 shall be revised annually based on results of individual VOC and PM10 source tests performed as specified in permit condition D29.16. The VOC and PM10 emission factor shall be calculated as the average emission rate in lb/mmscf from all valid source test runs during the annual source test.

The VOC and PM10 emission factors for the gas turbine and duct burner shall be revised initially and annually, thereafter, based on the results of individual VOC and PM10 source tests performed as specified in permit conditions D29.15 and D29.18. The VOC and PM10 emission factor shall be calculated as the average emission rate in lb/mmscf from all valid source test runs during the annual source test.

The operator shall maintain records in a manner approved by the SCAQMD to demonstrate compliance with this condition and the records shall be made available to SCAQMD personnel upon request.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D377, D378, D1550]

A99.6 The 9 PPM NOX emission limit(s) shall not apply during any startup.

For the purposes of this condition, startup shall be defined as the period when the exhaust temperature of this equipment is below 475 degrees F, which is the minimum ammonia injection temperature.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

A195.1 The 7 PPMV (Monthly) NOX emission limit(s) is averaged over a calendar month and is at dry condition, corrected to 3 percent oxygen.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This NO_x calendar monthly emission limit shall be calculated based on the measured NO_x emissions using a certified RECLAIM CEMS and the heat input during all boiler operating hours for the calendar month except during:

1. Any SCAQMD required source test performed without ammonia;
2. Periods of the exhaust temperature entering the SCR catalyst is less than 475 degrees F, which is the minimum ammonia injection temperature);
3. RATA testing;
4. RECLAIM Missing Data period;
5. Calibration and maintenance periods;
6. Equipment breakdown periods as defined in Rule 2004; and
7. Periods of zero fuel flow.

The heat input weighted average NO_x concentration shall be calculated using this equation, or other equivalent equation: PPMV at 3 percent oxygen = (Et/Qt) x K, where:

1. PPMV at 3 percent oxygen = Concentration of NO_x in PPMV at 3 percent oxygen
2. Et = Total measured NO_x emissions during the averaging period (excluding exempt periods as noted above)
3. Qt = Total heat input during the averaging period (excluding exempt periods as noted above)
4. K =A conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19

A data acquisition system (DAS) shall be installed and maintained to record the parameters necessary to determine the calendar monthly NO_x concentration. In addition, the DAS shall calculate and display on demand the average monthly NO_x PPM.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Any corrections to the DAS data and calculation shall be completed within 72 hours after the end of the calendar month. The recorded parameters and the calculated average monthly NOx PPM shall be kept for a period as stated in the Section E of this facility permit and shall be readily available to the SCAQMD personnel upon request.

A violation of the 7 PPM NOX limit shall be a violation of the emission limit for the entire averaging period.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

A195.2 The 500 PPMV CO emission limit(s) is averaged over over a one-hour block and at 0% oxygen on a dry basis.

[CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : D36]

A195.3 The 10 PPMV NH3 emission limit(s) is averaged over 60 consecutive minutes at 3 percent O2 dry.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

A195.4 The 80 PPMV NOX emission limit(s) is averaged over 365-days rolling and 0% oxygen on a dry basis.

[CONSENT DECREE VALERO, 6-16-2005]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D36]

A195.5 The 0.054 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D3]

A195.6 The 0.036 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D6]

A195.7 The 0.057 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D8]

A195.8 The 0.04 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D12]

A195.9 The 0.039 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D22]

A195.10 The 0.047 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D53]

A195.11 The 0.015 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D768]

A195.12 The 0.023 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D430]

A195.13 The 0.055 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D74]

A195.14 The 0.044 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D98]

A195.15 The 0.01 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D378]

A195.16 The 0.015 lbs/MM Btu NOX emission limit(s) is averaged over 365 rolling days and based on the HHV.

This Consent Decree interim NOx emission limit is calculated by CEMS data measured and recorded in accordance with Rule 2012.

This emission limit shall only apply during the interim emission reduction period from January 1, 2010 to December 31, 2011.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : D1550]

A195.17 The 25 PPMV SOX emission limit(s) is averaged over 365-days rolling and at 0% oxygen on a dry basis.

The 25 ppmv SOx emission limit to comply with Rule 2002 became effective on July 1, 2012.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 2002, 1-7-2005; RULE 2002, 11-5-2010]

[Devices subject to this condition : D36]

A195.18 The 25 PPMV SO₂ emission limit(s) is averaged over 365-days rolling and at 0% oxygen on a dry basis.

The 25 ppmv SO₂ emission limit to comply with EPA Consent Decree became effective on February 28, 2011.

[CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : D36]

A195.19 The 50 PPMV SO₂ emission limit(s) is averaged over 7-days rolling and at 0% oxygen on a dry basis.

The 50 ppmv SO₂ emission limit to comply with EPA Consent Decree became effective on February 28, 2011.

SO₂ emissions during period of startup, shutdown, or malfunction of an FCCU controlled by catalyst additives, or during periods of malfunction of a pollutant reducing catalyst additive system shall not be used in determining compliance with this emissions limit, provided that during such periods the operator implements good air pollution control practices to minimize SO₂ emissions.

[40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : D36]

A195.20 The 500 PPMV Sulfur Compounds emission limit(s) is averaged over 15 consecutive minutes and calculated as sulfur dioxide (SO₂).

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 407, 4-2-1982]

[Devices subject to this condition : D179, D182, D200, D848, D1413, D1417]

A229.1 The 10.75LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D3]

A229.2 The 10.5LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D74]

A327.1 For the purpose of determining compliance with District Rule 476, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 476, 10-8-1976]

[Devices subject to this condition : D378, D1550]

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.1 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 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221]

B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.5 psia or greater under actual operating conditions.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D274]

B22.3 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.

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

[Devices subject to this condition : D217, D218]

B22.4 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.5 psia or less under actual operating conditions.

To demonstrate compliance with this condition, the operator shall monitor the vapor pressure in accordance with condition D90.10. If the operator chooses to sample and test the material stored, the operator shall comply with the test methods and procedures specified in Rule 1178.

[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 ULTRAMAR INC

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 : D260]

- B22.5 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.2 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 : D264]

- B22.6 The operator shall not use this equipment with materials having a(n) true vapor pressure of 7 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 : D307, D309]

- B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D252, D256, D272, D273]

- B22.8 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6.9 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 : D262]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 7.3 psia or greater under actual operating conditions.

To verify compliance with this condition, the operator shall sample the materials stored once per month to determine the true vapor pressure. The true vapor pressure shall be determined using ASTM Method D-323 for Reid vapor pressure or other equivalent District-approved method and converted to true vapor pressure using applicable nomographs or equations in EPA AP-42 or District and EPA approved nomographs.

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

[Devices subject to this condition : D261]

B22.10 The operator shall only use this equipment with materials having a(n) true vapor pressure of 0.5 psia or less 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 : D259]

B22.11 The operator shall only use this equipment with materials having a(n) true vapor pressure of 9.9 psia or less 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 : D266]

B22.12 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.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To verify the compliance with this condition, the operator shall determine the true vapor pressure by one of the following methods once per month: 1) sample and test the material stored, 2) derive the vapor pressure using engineering calculations, or 3) maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

Records of materials stored and vapor pressure of the material stored, and their MSDS if applicable, shall be retained for a period of five years and made available to the Executive Officer upon request.

[RULE 1178, 4-7-2006]

[Devices subject to this condition : D1663]

- B27.1 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D1477, D1566, D1568]

- B27.2 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 03/07/2008.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : D1640]

- B59.1 The operator shall only use the following material(s) in this device :

Product Gasoline, Reformate, Alkylate, Toluene, Raffinate, Iso-Octane & FCC gasoline

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D1460]

B59.2 The operator shall only use the following material(s) in this device :

Light Straight Run Naphtha, Slop Oil, Crude Oil, Gas Oil, Isooctane, Isooctene, Raffinate, Heavy Naphtha, FCC Gasoline, Alkylate, Distillate, Jet Fuel, Diesel Fuel, Biodiesel

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]

[Devices subject to this condition : D267]

B61.1 The operator shall only use fuel gas containing the following specified compounds:

Compound	ppm by volume
Sulfur less than	100

The operator shall maintain a continuous total sulfur analyzer to monitor the sulfur content of the fuel gas.

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

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D59, D60, D73, D74, D98, D429, D430, D768, D1550]

B61.2 The operator shall not use fuel gas containing the following specified compounds:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Compound	ppm by volume
H2S greater than	160

The H2S concentration limit of 160 ppm shall be based on a rolling 3-hour averaging period at the standard condition of 60 degrees F and 14.7 psia, as defined in Rule 102. This H2S concentration limit of 160 ppm is equivalent to 162 ppm at the standard conditions of 68 degrees F and 29.92 inches Hg, as defined as 40CFR 60 Subpart A.

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

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768, D1550]

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

Compound	weight percent
Sulfur less than	0.0015

unless the operator demonstrates in writing to the Executive Officer that specific additional time is necessary to comply with this limit.

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

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305, D1639]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the number of turnovers to no more than 75 in any one year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D217, D218]

C1.2 The operator shall limit the number of turnovers to no more than 42 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 : D255, D256]

C1.3 The operator shall limit the number of turnovers to no more than 6 in any one month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 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. Then calculate the turnovers by dividing the throughput, in barrels per month, by 150,000 barrels.

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.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D260]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.4 The operator shall limit the number of turnovers to no more than 60 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 : D264]

C1.5 The operator shall limit the throughput to no more than 10.95 MM barrels in any one calendar year.

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

[Devices subject to this condition : D266]

C1.6 The operator shall limit the number of turnovers to no more than 10 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 : D307, D309]

C1.7 The operator shall limit the throughput to no more than 600,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

Other records that may be required to comply with the applicable requirements of District Rules 463 and 1178 and 40 CFR60, Subparts Kb.

Records shall be kept and maintained 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 : D267]

- C1.8 The operator shall limit the throughput to no more than 15 MM barrels in any one calendar year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, throughput shall be defined as the combined throughput of naphtha, gas oil, crude and gasoline.

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.

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

[Devices subject to this condition : D864, D868]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.9 The operator shall limit the throughput to no more than 5.4e+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 : D258]

C1.11 The operator shall limit the loading rate to no more than 672000 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D197 which consists of eight loading arms.

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

[Devices subject to this condition : D197]

C1.12 The operator shall limit the throughput to no more than 20.26 MM barrels in any one calendar year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This limit shall be based on the total combined limit for equipment D268 (82-TK-1), D269 (82-TK-2), and D270 (82-TK-3).

The gasoline blending products stored in equipment D269 (82-TK-2) and D270 (82-TK-3) shall only consist of the following: isooctane, isooctene, FCC gasoline, alkylate, light straight run (LSR) naphtha, heavy cat naphtha, light cat naphtha, or raffinate.

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.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D268, D269, D270]

C1.13 The operator shall limit the fuel usage to no more than 207200 cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as the sum of instantaneous flow rates in cubic feet per hour of purge gases used in Device numbers C401, C402, and C403 times 24 hours per day as read from each flow meter.

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

[Devices subject to this condition : C401, C402, C403]

C1.15 The operator shall limit the fuel usage to no more than 130000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

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

[Devices subject to this condition : D3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.16 The operator shall limit the fuel usage to no more than 214000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

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

[Devices subject to this condition : D74]

C1.17 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 : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

C1.19 The operator shall limit the number of turnovers to no more than 292 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 : D272, D273]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 number of turnovers to no more than 65 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 : D262]

C1.21 The operator shall limit the number of turnovers to no more than 475 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 : D263]

C1.22 The operator shall limit the number of turnovers to no more than 66 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 : D265]

C1.23 The operator shall limit the throughput to no more than 880000 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 : D252]

C1.24 The operator shall limit the number of turnovers to no more than 108 in any one year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D221]

C1.28 The operator shall limit the loading rate to no more than 2.2268e+06 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D196 and D547.

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

[Devices subject to this condition : D196, D547]

C1.29 The operator shall limit the throughput to no more than 1.86 MM barrels in any one calendar year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, throughput shall be defined as throughput of MTBE.

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.

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

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.30 The operator shall limit the throughput to no more than 9.855 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as the combined throughput of gasoline, alkylate and raffinate.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D448]

C1.31 The operator shall limit the firing rate to no more than 144 MM Btu per hour.

For the purpose of this condition, firing rate shall be defined as heat input to this equipment based on the higher heating value (HHV) of the fuel gas used.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the energy input being supplied to the heater.

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

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

[Devices subject to this condition : D12]

C1.32 The operator shall limit the throughput to no more than 750000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, throughput shall be defined as the combined throughput of product gasoline, reformat alkylate, toluene, raffinate, iso-octane, and FCC gasoline.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the incremental throughput volumes based on the one-way liquid surface level movement, in feet. The sum of the incremental throughput volumes shall be calculated on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously monitor and record the liquid surface level movement. Continuous monitoring and recording are defined as every 15 minutes. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent or 1 inch, whichever is greater, the ATLG shall be repaired.

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 discovery of discrepancy.

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

[Devices subject to this condition : D1460]

C1.34 The operator shall limit the operating time to no more than 240 hour(s) in any one calendar month.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D1477]

C1.35 The operator shall limit the throughput to no more than 10000 barrel(s) in any one day.

For the purpose of this condition, throughput shall be defined as amount of field butane processed in this equipment.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the field butane processed in this equipment.

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

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

[Devices subject to this condition : D1525]

C1.36 The operator shall limit the gasoline dispensed to no more than 40000 gallon(s) in any one calendar month.

This limit applies to all gasoline dispensing storage tanks at this facility.

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

[Devices subject to this condition : D990]

C1.37 The operator shall limit the gasoline dispensed to no more than 480000 gallon(s) per year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This limit applies to all gasoline dispensing storage tanks at this facility.

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

[Devices subject to this condition : D990]

C1.38 The operator shall limit the throughput to no more than 850000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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.

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

[Devices subject to this condition : D257]

C1.40 The operator shall limit the throughput to no more than 620000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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.

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

[Devices subject to this condition : D261]

C1.41 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This limit includes no more than 50 hour(s) in any one year for maintenance and testing purposes.

To comply with this condition, the operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The operator shall maintain an engine operating log which, on a monthly basis, shall list all engine operations in each of the following areas:

1. Emergency use hours of operation
2. Maintenance and testing hours
3. Other operating hours (Describe the reason for the 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 operation of the engine beyond the 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that 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 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 1110.2, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D1639]

C1.43 The operator shall limit the throughput to no more than 3.65 MM barrels in any one calendar year.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D271]

- C1.44 The operator shall limit the throughput to no more than 750000 barrel(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D259]

- C1.45 The operator shall limit the throughput to no more than 912500 barrel(s) in any one calendar month.

[RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D266]

- C1.46 The operator shall limit the throughput to no more than 1 MM barrels in any one calendar month.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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.

[RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D1663]

- C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[**RULE 463, 5-6-2005**]

[Devices subject to this condition : D1460]

- C6.2 The operator shall use this equipment in such a manner that the pressure being monitored, as indicated below, does not exceed 80 Psia.

To comply with this condition, the operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure being supplied to the abrasive blasting nozzle.

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

[Devices subject to this condition : D1477]

- C6.3 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 3 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the two filter cartridges.

[**RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; 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 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C6.4 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 8 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

The operator shall record and keep records of the differential pressure readings once per week.

[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 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D1640]

C6.5 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 6 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

The operator shall record and keep records of the differential pressure reading during loading.

[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 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C1567, C1569]

C8.1 The operator shall use this equipment in such a manner that the percent excess air being monitored, as indicated below, is not less than 3 percent.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall use the RECLAIM NO_x CEMS to verify the percent oxygen content limit of this condition.

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

[Devices subject to this condition : C1260]

C8.2 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.

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

To comply with this condition, the operator shall install and maintain a(n) temperature reading device 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.

[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; RULE 468, 10-8-1976]

[Devices subject to this condition : C1260]

C12.1 The operator shall use this equipment in such a manner that the ESP daily average voltage and secondary current (or total power input) being monitored as indicated below are greater than or equal to the average value in the most recent source test which demonstrated compliance with the emission limits.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. current
2. voltage

at each ESP field. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed for the FCCU Regenerator (Device D36) according to the requirements specified in Permit Condition D29.12.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 6-24-2008]

[Devices subject to this condition : C39, C1615]

D. Monitoring/Testing Requirements

D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter 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 : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the PRV at the Carbon Adsorption Tower or a pressure gauge to indicate the backpressure in the vapor recovery system.

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

[Devices subject to this condition : C1029]

- D12.5 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the catalyst bed.

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

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

[Devices subject to this condition : C13]

- D12.6 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the catalyst bed.

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

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

[Devices subject to this condition : C13]

- D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the SCR bed.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : C431, C770]

D12.8 The operator shall install and maintain a(n) thermocouple or any other equivalent device to accurately indicate the presence of a flame at the pilot light.

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

[Devices subject to this condition : C400, C401, C402, C403]

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

The test shall be conducted to determine the NH₃ emissions at the outlet.

The test shall be conducted at least annually.

The test shall be conducted when the combustion equipment vented to the SCR is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

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; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C431, C770, C1551]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D28.11 The operator shall conduct source test(s) in accordance with the following specifications:

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 when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted at least annually. If equipment has not been in operation during the calendar year, the source test does not have to be conducted. The source test shall be conducted in the calendar year the equipment resumes operation. The Facility Permit holder shall keep records to demonstrate that the equipment had not been operated. Upon resumption of operation, the Facility Permit holder shall keep records of each day operated.

[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 : D9, D59, D60, D73, D377]

D28.13 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly to determine the NH3 emissions.

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

[Devices subject to this condition : C13, C379]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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
ROG emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating or within a capacity approved by the District.

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]

[Devices subject to this condition : D12]

D29.10 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
CO emissions	Approved District method	District-approved averaging time	Outlet of the SCR

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

The test shall be conducted to demonstrate compliance with Rule 407.

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

[Devices subject to this condition : D1550]

D29.11 The operator shall conduct source test(s) for the pollutant(s) identified below.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 404, 2-7-1986]

[Devices subject to this condition : C1260]

D29.12 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

The test(s) shall be conducted at least annually.

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

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current, voltage, spark rate, and total power at each ESP field.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 6-24-2008]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D36]

D29.13 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
PM10 emissions	District Method 5.2 Modified with EPA Method 201A Cyclone (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 with Previously Determined PM10 to PM Ratio Applied (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	EPA Method 5 (filterables compliance) and EPA Method 202 (condensables information)	District-approved averaging time	Outlet
NH3 emissions	District method 207.1	1 hour	Outlet

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CO emissions	District Method 100.1 or 10.1	1 hour	Outlet
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The operator shall choose any of the PM10 test methods as indicated above to comply with Rule 1105.1 requirements.

For the purposes of this condition, filterable PM10 is PM10 collected on the cyclone exit, probe, and filter(s) of the applicable test methods referenced above. Condensable PM10 is the PM10 collected in the impingers of the applicable test methods referenced above.

The AQMD engineer shall be notified in writing of the date and time of the test at least 10 days prior to the test.

The test shall be conducted with 6 out of 12 total transformer/recifiers (T/Rs) in the ESP(s) operating.

Ultramar may propose additional modes of ESP operation to be tested in the test protocol.

The test shall be conducted when the FCCU is operating with at least 80 percent of the total feed rate or under normal operating conditions.

The PM10 and NH3 tests shall be conducted at least every year.

The CO test shall be conducted at least once every three years.

Source test results shall include the following: FCCU feed rate in barrels per day (BPD); catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O2 content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at ESP outlet; and the average current in amps, voltage in volts, spark rate, and total power of each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1105.1, 11-7-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982]

[Devices subject to this condition : D36]

D29.16 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
VOC emissions	Approved District method	District-approved averaging time	Outlet of the SCR
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 when this equipment is operating at 80 percent or greater of the maximum design capacity at which ammonia injection occurs during the PM10 test.

The test shall be conducted at least annually. If equipment has not been in operation during the calendar year, the source test does not have to be conducted. The source test shall be conducted in the calendar year the equipment resumes operation. The Facility Permit holder shall keep records to demonstrate that the equipment had not been operated. Upon resumption of operation, the Facility Permit holder shall keep records of each day operated.

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

Source test results shall include the following parameters: fuel gas usage of the boiler, amount of ammonia injected, if applicable, for NO_x control, the flue gas flow rate, and Higher Heating Value (HHV) of fuel gas other than natural gas.

The test shall be conducted to demonstrate compliance with Rules 1303(b)(1)-BACT, 1303(b)(2)-Offsets, 409, and 476.

[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 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 409, 8-7-1981; RULE 476, 10-8-1976]

[Devices subject to this condition : D377, D378, D1550]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Hydrogen Sulfide concentration in ppmv

Reduced Sulfur Compounds (as SO₂) concentration in ppmv

The CEMS shall be installed to measure and record continuously the concentrations at the outlet of the tail gas scrubber to show compliance with the requirements of BACT, AQMD Rule 468(b), and 40CFR60 Subpart J. The CEMS shall be approved, operated and maintained in accordance with the requirements of Rule 218 and 40CFR60 Subpart J as appropriate.

[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 : D142, D148]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

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

[Devices subject to this condition : D36]

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CO concentration in ppmv

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

The CEMS shall be installed and operated in accordance with an approved SCAQMD Rule 218 CEMS plan application.

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

[Devices subject to this condition : D1550]

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

The operator shall monitor once every day.

The operator shall use an appropriate analyzer in accordance with EPA test method 21 to monitor the parameter.

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

[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; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C308, C310, C612, C613]

D90.3 The operator shall continuously monitor the H₂S concentration in the fuel gas before being burned in this device according to the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768, D1550]

D90.4 The operator shall monitor the opacity at the stack according to the following specifications:

The operator shall maintain and operate the opacity meter and record the readings as required pursuant to 40CFR60, Subpart J at all times except during periods of required maintenance and malfunction of the opacity meter.

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

[Devices subject to this condition : D36]

D90.5 The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber according to the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber whenever the tank vented to this equipment is being filled.

The operator shall use an appropriate analyzer to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in accordance with EPA test method 21 in ppmv methane.

[RULE 1178, 4-7-2006; 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 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C1207]

D90.6 The operator shall continuously monitor the flow rate in dscfm of the flue gas at the outlet of the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The flow rate monitor shall have a minimum range of 65,000 to 110,000 dscfm and be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months during the RECLAIM RATAs.

[RULE 1105.1, 11-7-2003]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : C1615]

D90.7 The operator shall continuously monitor the voltage in volts across the ESP transformer/rectifier (T/R) sets according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The voltage monitor shall have a minimum range of 0 to 480 Volts and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

D90.8 The operator shall continuously monitor the current in amperes across the ESP transformer/rectifier (T/R) sets according to the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The current monitor shall have a minimum range of 100 to 1100 amps and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

D90.9 The operator shall continuously monitor the NH₃ injection rate in scfh at the ESP inlet according to the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The ammonia injection monitor shall have a minimum range of 0 to 300 scfh and be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

D90.10 The operator shall periodically monitor the vapor pressure of the material stored in this storage tank according to the following specifications:

The operator shall determine the true vapor pressure by one of the following methods: 1) record the tank contents and temperature once per month and use the organic liquid storage tank figure 7.1 series in AP-42; 2) sample and test the material stored, 3) derive the vapor pressure using engineering calculations, or 4) maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored.

Records of materials stored and vapor pressure of the material stored, and their MSDS if applicable, shall be retained for a period of five years and made available to the Executive Officer upon request.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D217, D218, D221, D252, D256, D259, D260, D262, D264, D266, D272, D273, D274, D307, D309]

D90.11 The operator shall monitor and record the throughput of this storage tank according to the following specifications:

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 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 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.

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

[Devices subject to this condition : D258, D266]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D90.12 The operator shall monitor and record the throughput of this device according to the following specifications:

The throughput shall be derived by using engineering calculations using parameters obtained from process records, purchase records, shipping invoices, level gauging, etc.

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

[Devices subject to this condition : D196, D197, D252, D547]

D90.13 The operator shall periodically analyze the H₂S concentration in the process gas streams vented to this device according to the following specifications:

The Alternative Monitoring Plan (AMP) approved by the United States Environmental Protection Agency (USEPA) on November 15, 2005 for the periodic analysis and reporting of H₂S concentration for the process gas streams vented from the Catalytic Reformer Unit (CRU) to Heater 70-H-1/2/3.

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

[Devices subject to this condition : D74]

D90.14 The operator shall periodically monitor the VOC concentration at the outlet of the carbon canister according to the following specifications:

The operator shall monitor the VOC concentration at least once per month.

The operator shall use an approved analyzer in accordance with EPA Test Method 21 to monitor the parameter.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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]

[Devices subject to this condition : C1648]

D90.15 The operator shall monitor the concentration at the outlet of the carbon canister(s) according to the following specifications:

The operator shall monitor the VOC or benzene concentration between the primary and secondary carbon canister daily.

The operator shall also monitor the VOC or benzene concentration at the outlet of the secondary carbon canister if breakthrough as defined in Condition E153.3 occurs.

The operator shall use an appropriate analyzer to monitor the parameter according to EPA Method 21.

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

[CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : C1661]

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1021, D1022, D1259, D1305]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D182.5 The operator shall test this equipment in accordance with the following specifications:

The test may commence without prior approval from the District if it is conducted according to a source test protocol previously approved by the District for this equipment. The District shall be notified of the date and time of the test at least 15 days prior to the test. A report shall be submitted to the District no later than 90 days after conducting the test.

The test shall determine and report the concentrations (ppmv at 3 percent oxygen) and mass emission rates (lb/hr) for CO, PM10, and ROG.

The test shall also include catalyst recirculation rate.

The test shall be conducted at least once every three years after conducting the initial performance test

During the test, the equipment shall be operated at least 80 percent of the permitted maximum rated capacity or within a capacity range approved by the District.

Testing and sampling facilities shall be provided and maintained in accordance with District source test method 1.1 or 1.2 and District guidelines for construction of sampling and testing facilities.

[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]

[Devices subject to this condition : D74]

D182.6 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test shall be conducted to determine the sulfur conversion efficiency of this equipment to demonstrate compliance with the BACT requirements of 95 percent conversion efficiency.

The test shall be conducted at least annually.

The annual tests shall be conducted according to the approved test plan or any subsequently approved revisions. The District shall be notified of the date and time of the test at least 15 days prior to the test. Report of the test and operating conditions of the SRU recorded during the test shall be made available to the District upon request

During the test, the equipment shall be operated at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District.

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

[Devices subject to this condition : D1267, D1275]

D232.1 The operator shall install and maintain a continuous emission monitoring device to accurately indicate the non-methane hydrocarbon concentration in the effluent from the onstream carbon bed when device D197 is not in idle status.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C1029]

D238.1 All hydrofluoric acid sensors shall be electronically linked to the District's hydrofluoric acid emergency monitoring Central Station via a Remote Terminal Unit (RTU) which has been approved by the Executive Officer.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The RTU shall be operated such that an alarm message shall be transmitted to the District's Central Station via the RTU when any hydrofluoric acid sensor detects a concentration of 6 ppm or more of hydrofluoric acid.

All hydrofluoric acid sensors shall be calibrated monthly. Calibration reports shall be generated and electronically sent to the District's Central Station via the RTU in real time.

This condition shall not apply during the hydrofluoric acid sensor or RTU breakdown if all of the following requirement(s) are met:

1. The breakdown did not result from operator error, neglect, improper operation or poor maintenance.
2. Steps are immediately taken to repair or rectify the condition causing the breakdown.
3. The District Central Station or the Executive Officer is notified of the breakdown within 8 hours of its occurrence.

This condition shall not apply also during:

1. Routine quarterly maintenance of the affected equipment, with the prior approval of the Executive Officer.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1011]

- D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946, E1391]

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D1477]

D322.3 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C1567, C1569, D1640]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 ULTRAMAR INC

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 : D23, D24, D25, D26, D27, D28, D29, D30, D31, D36, D40, D41, D68, D69, D933, D934, D935, D936, D937, D938, D939, D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-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 ULTRAMAR INC

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 : D10, D11, D14, D15, C400, C401, C402, C403]

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 : D3, D6, D8, D12, D22, D52, D53, D98, D378, D429, D768, C1260]

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 : D983]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D381.1 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, the operator shall 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.

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; and
- 3). Date and time visible emission was abated.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]**

[Devices subject to this condition : D946, E1391, D1477, D1566, D1568, D1640]

E. Equipment Operation/Construction Requirements

E71.1 The operator shall only use this equipment during FCC unit startup.

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

[Devices subject to this condition : D38]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- E71.3 The operator shall not operate this equipment if any SRU/TGU tail gases are routed to this equipment for combustion such that the concentration of SO_x discharged from this equipment exceeds 250 ppmv (dry basis) at zero percent excess air, except during startup, shutdown, or malfunction of the tail gas units as required by 40CFR60 Subpart J.

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

[Devices subject to this condition : C1260]

- E71.4 The operator shall not operate this equipment for incineration of amine acid gases and ammonia acid gases to the Sulfur Recovery Unit.

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

[Devices subject to this condition : C1260]

- E71.5 The operator shall only use plate-type catalyst in this equipment during operation.

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

[Devices subject to this condition : C13]

- E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 475 Deg F.

The operator shall install and maintain a temperature gauge to accurately indicate the temperature at the inlet of the SCR bed. The operator shall also install and maintain a device to continuously record the temperature being measured.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : C431, C770, C1551]

E73.2 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

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

[Devices subject to this condition : D179, D182, D200, D848]

E73.3 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both Tail Gas Unit (TGU) Trains Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

And/Or

Both Sulfur Recovery Unit (SRU) Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

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

[Devices subject to this condition : D142, D148, D674, D675, D1267, D1275]

E73.4 Notwithstanding the requirements of Section E conditions, the operator is not required to use Train No. 1 Reaction Furnace (D1267) and Train No. 2 Reaction Furnace (D1275) to vent this equipment if:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D179, D182, D200, D848]

E73.5 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The FCCU meets the Rule 1105.1 filterable PM10 emission limit of 2.8 pounds per thousand barrels of fresh feed.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D36]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

The containers shall remain closed except when dust is being transferred out of the container.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C39, E1391]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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 : D1231, D1232, D1233]

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]

[Devices subject to this condition : C1207, C1648, C1661]

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

[Devices subject to this condition : D186, D190, D191, D449]

E153.1 The operator shall change over the 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 operating carbon adsorber.

[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; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : C308, C310, C612, C613, C1648]

E153.2 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the lab results of the grab sample analysis indicate VOC concentration of 500 ppmv or greater at the outlet of the first carbon adsorber.

The operator shall collect a sample using District grab sample method when a VOC monitoring instrument calibrated with methane indicates a concentration of 500 ppmv or greater at the outlet of the first carbon adsorber. The operator shall submit the sample for lab analysis within 24 hours.

Change-out shall occur within 48 hours after breakthrough.

When changing out the carbon, the operator shall remove the carbon adsorber in the first carbon adsorber (lead adsorber) position, move the second carbon adsorber (lag adsorber) to the lead adsorber position and place the fresh carbon in the lag carbon adsorber position.

Alternatively, the operator shall replace both the first and second carbon adsorbers with fresh carbon.

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

[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; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C1207]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E153.3 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading between the primary and secondary canister indicates a VOC concentration of 100 ppmv or more or benzene concentration of 5 ppmv or more.

"Immediately" shall mean within twenty-four (24) hours; provided, however, that if breakthrough is determined on a Saturday, Sunday, or holiday, then the operator shall replace the original primary carbon canister by the end of the next regular work day if the operator begins monitoring the secondary canister at least once per operating day until the primary canister is replaced.

When changing out the carbon, the operator shall remove the carbon adsorber in the first carbon adsorber (primary adsorber) position, move the second carbon adsorber (secondary adsorber) to the primary adsorber position and place the fresh carbon in the secondary carbon adsorber position.

Alternatively, the operator shall replace both the primary and secondary carbon adsorbers with fresh carbon.

Records shall be kept for a period of five years indicating the date and time when a carbon canister is replaced.

[**CONSENT DECREE VALERO, 6-16-2005**]

[Devices subject to this condition : C1661]

E166.1 The operator shall keep all openings from this equipment closed when in use except during absorbent change out. No detectable VOC emissions shall be released to the atmosphere from any opening or spent absorbent from this equipment as indicated by an instrument reading of less than 500 ppm measured in accordance with EPA reference method 21.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D1212, D1213, D1214]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

All new gate valves 4" and smaller in hydrocarbon or sour gas service shall be sealed bellows type. All new globe valves 8" and smaller in hydrocarbon or sour gas service shall be sealed bellows type.

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

[Devices subject to this condition : D444, D445]

E193.2 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 : C400, C401, C402, C403]

E193.4 The operator shall operate and maintain this equipment as follows:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall not operate any mode specified in Condition D29.13 if the source test results show that operating mode exceeds the PM10 (2.8 lbs per 1,000 bbl fresh feed) or NH3 (10 ppmv) limits specified in Rule 1105.1.

Notwithstanding the requirements of Section E conditions, the operator is not required to operate all three ESPs (61-PR-1A, 61-PR-1B, 61-PR-2) in full operation when venting the FCCU Regenerator catalyst fine exhaust if the operator maintains a minimum of 6 of 12 transformer/rectifier sets in operation.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D36]

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

The operator shall comply with all measures stipulated by the AQMD Certified Negative Declaration dated June 21, 2007.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : C1615]

E193.6 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall discharge dust collected in the ESPs only into leak-free hoppers or closed container bins.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E193.7 The operator shall restrict the operation of this equipment as follows:

In addition to maintenance and testing of this engine, this engine shall only be used for either providing electrical power to portable operations or emergency power to stationary sources.

Portable operations are those where it can be demonstrated that because of the nature of the operation, it is necessary to periodically move the equipment from one location to another.

Emergencies at stationary sources are those that result in an interruption of services of the primary power supply or during Stage II or III electrical emergencies declared by the California Independent System Operator.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D1639]

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

The operator shall regularly wash the 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 : D23, D24, D25, D26, D27, D28, D29, D30, D31]

E336.3 The operator shall vent the vent gases from this equipment as follows:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s) which is in full use and has a valid permit to receive vent gases from this equipment.

All emergency vent gases shall be directed to a blowdown flare system which is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D561, D650, D835, D1252]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
H2S	District Rule	465
VOC	District Rule	465

[**RULE 465, 8-13-1999**]

[Devices subject to this condition : D849, D850, D894, D907, D1262, D1263, D1291, D1292, D1293, D1294, D1299, D1576]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D973, D977]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	40CFR60, SUBPART	QQQ

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D1468, D1469, D1471, D1472, D1611]

H23.5 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]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, C400, C402, C403, D429, D430, D768, D1550]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[40CFR 60 Subpart Ka, 12-14-2000]

[Devices subject to this condition : D217, D218, D268, D269, D270, D271, D272, D273, D274, D275]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	K

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

[Devices subject to this condition : D255, D256, D257, D258, D260, D261, D262, D263, D264, D265]

H23.8 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 : E1386]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E1388]

H23.10 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 : E1396]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Kb

[40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D259, D266, D267, D448, D864, D868, D1460]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

[Devices subject to this condition : D221, D252]

H23.13 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
VOC	40CFR60, SUBPART	Kb
Benzene	40CFR61, SUBPART	FF

[RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D253]

H23.14 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
VOC	District Rule	1178

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

VOC | 40CFR60, SUBPART | Kb

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D307, D309]

H23.16 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, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008]

[Devices subject to this condition : D594, D708, D1327, D1328, D1333, D1334, D1338, D1339, D1342, D1348, D1363, D1364, D1649, D1660]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 2-6-2009]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D872, D1310, D1312, D1314, D1317, D1318, D1319, D1321, D1323, D1325, D1331, D1336, D1337, D1340, D1341, D1343, D1344, D1345, D1346, D1347, D1349, D1350, D1351, D1352, D1353, D1354, D1355, D1357, D1358, D1365, D1366, D1367, D1368, D1369, D1370, D1418, D1442, D1623, D1624, D1625, D1626, D1668]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Devices subject to this condition : D197]

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 82 Subpart B, 7-14-1992]

[Devices subject to this condition : E1389]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E1387]

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

H23.25 This equipment is 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]

[Devices subject to this condition : D199, D201, D219, D220, D222, D223, D224, D252, D276, D307, D309, D1405]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

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

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
HAPs	40CFR63, SUBPART	UUU
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J
Opacity	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

[RULE 1105.1, 11-7-2003; 40CFR 60 Subpart J, 6-24-2008; 40CFR 63 Subpart UUU, 4-20-2006]

[Devices subject to this condition : D36]

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

Rule	Rule/Subpart
-	

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

40CFR60, SUBPART | Db

[40CFR 60 Subpart Db, 11-16-2006]

[Devices subject to this condition : D1550]

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	EEEE

[40CFR 63 Subpart EEEE, 7-28-2006]

[Devices subject to this condition : D185]

H23.30 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 : C400, C401, C402, C403]

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1470

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CO	40CFR60, SUBPART	III
NOX	40CFR60, SUBPART	III
PM	40CFR60, SUBPART	III
ROG	40CFR60, SUBPART	III
HAPs	40CFR63, SUBPART	ZZZZ

[RULE 1470, 6-1-2007; 40CFR 60 Subpart IIII, 7-11-2006; 40CFR 63 Subpart ZZZZ, 1-18-2008]

[Devices subject to this condition : D1639]

H23.37 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	DDDDD

[40CFR 63SubpartDDDDD, 5-20-2011]

[Devices subject to this condition : D377, D378, D1550]

H116.1 The operator shall install and maintain a flow indicator at the vent stream to the vapor recovery system in order to comply with 40CFR60 Subpart QQQ Section 60.692-5 whenever this equipment is in operation.

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

[Devices subject to this condition : D1224]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H116.2 The operator shall maintain the moisture content of coke in this equipment at least 12 percent in order to comply with SCAQMD Regulation XIII whenever this facility is in operation.

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

[Devices subject to this condition : D1231, D1232, D1233]

H116.4 The operator shall store petroleum coke in this equipment only in order to comply with SCAQMD Rule 1158 whenever this facility is in operation.

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

[Devices subject to this condition : D1231, D1232, D1233]

H116.5 The operator shall wash down daily the ground area below the Hydrobins to prevent accumulation of dust which may become airborne in order to comply with SCAQMD Rule 403 whenever this facility is in operation.

[RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D1231, D1232, D1233]

I. Administrative

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- I1.1 The operator shall comply with all the requirements of the compliance schedule specified in Variance Case No. 3845-69, dated May 8, 2007 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 3004(a)(10)(C), 12-12-1997]

[Devices subject to this condition : C401, C402, C403]

K. Record Keeping/Reporting

- K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

PM10 emission data from testing performed per condition D29.13 shall be reported in terms of mass rate (lbs/hr) and in terms of grains /DSCF.

CO emission data shall be reported in terms of mass rate (lbs/hr) and in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

Ammonia emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Source test results shall also include the following operating parameters under which the test was conducted:

Source test results shall include the following: FCCU feed rate in BPD; catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O₂ content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at ESP outlet; and the average current in amps, voltage in volts, spark rate, and total power of each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

This condition shall only apply to source test condition D29.13.

[RULE 1105.1, 11-7-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel rate and heating value of the fuel gas

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

[Devices subject to this condition : D12]

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

Date, time, fuel consumption and purpose of operation.

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

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

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.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E1394]

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

Daily inspections and maintenance of all the ammonia valves at this equipment

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

[Devices subject to this condition : D1009]

K67.6 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 : D219, D220, D222, D223, D224, D234, D245, D253, D259, D269, D271, D274, D275, D276, D277, D278, D279, D283, D448, D864, D868, D974, D975, D979, D980, D981, D982]

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 ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

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

Other records that may be required to comply with the applicable requirements of District Rules 463, 1173 & 1178, and 40 CFR60, Subparts Kb & GGG.

Records shall be kept and maintained 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 : D1460]

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

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946, E1391, D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monitoring data for VOC including measurement method used and date of analysis.

Date of replacement of carbon canister.

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

[Devices subject to this condition : C1207]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel gas usage

fuel gas heating value

[RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D1550]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Readings of the differential pressure across the filter during loading

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the filter media inspection

The date, time, and description of any maintenance or repairs resulting from the filter media inspection

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C1567, C1569, D1640]

K67.12 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monitoring data for VOC or benzene including measurement method used and date of analysis.

Date of replacement of carbon canister.

[CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : C1661]

K171.1 The operator shall provide to the District the following items:

The required annual test may commence without prior approval from the District, if it is conducted according to a source test protocol previously approved by the District for this equipment. A copy of the approval letter shall be submitted to the District at least 30 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D9, D59, D60, D73, C431, C1551]

K171.5 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Final drawings and/or specifications of the slotted guidepole and other tank appurtenances upgrades to be installed/constructed shall be submitted to the District within 60 days after construction.

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

[Devices subject to this condition : D259, D266]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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					P13.1
System 1: CRUDE DISTILLATION UNIT #10					S13.2, S31.7, S56.1
ACCUMULATOR, CRUDE TOWER OVERHEAD, 10-V-101, LENGTH: 19 FT ; DIAMETER: 5 FT A/N: 542026 Permit to Construct Issued: 09/13/13	D883				
TANK, SURGE, CRUDE TOWER, 10-V-102, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 542026 Permit to Construct Issued: 09/13/13	D884				
COLUMN, 10-V-103, LGO STRIPPER, HEIGHT: 24 FT ; DIAMETER: 4 FT A/N: 542026 Permit to Construct Issued: 09/13/13	D885				
VESSEL, DESALTER, CRUDE, 10-DE-100, LENGTH: 28 FT ; DIAMETER: 12 FT A/N: 542026 Permit to Construct Issued: 09/13/13	D886				
VESSEL, DESALTER, CRUDE, 10-DE-101, LENGTH: 28 FT ; DIAMETER: 12 FT A/N: 542026 Permit to Construct Issued: 09/13/13	D887				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542026 Permit to Construct Issued: 09/13/13	D1310			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 3: CRUDE UNIT #11					S13.2, S31.7, S56.1

- * (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

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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					P13.1
COLUMN, CRUDE DISTILLATION, 11-V-1000, HEIGHT: 87 FT ; DIAMETER: 8 FT 6 IN A/N: 542027 Permit to Construct Issued: 09/13/13	D888				
ACCUMULATOR, CRUDE TOWER OVHD, 11-V-1001, HEIGHT: 16 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 542027 Permit to Construct Issued: 09/13/13	D4				
TANK, SURGE, HSRGO, 11-V-1002, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 542027 Permit to Construct Issued: 09/13/13	D889				
COLUMN, LGO STRIPPER, 11-V-1003, HEIGHT: 28 FT 9 IN; DIAMETER: 4 FT A/N: 542027 Permit to Construct Issued: 09/13/13	D890				
VESSEL, DESALTER, CRUDE, 11-DE-1000, LENGTH: 28 FT ; DIAMETER: 12 FT A/N: 542027 Permit to Construct Issued: 09/13/13	D891				
VESSEL, DESALTER, CRUDE, 11-DE-1001, LENGTH: 28 FT ; DIAMETER: 12 FT A/N: 542027 Permit to Construct Issued: 09/13/13	D892				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542027 Permit to Construct Issued: 09/13/13	D1312			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17

- * (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 ULTRAMAR INC

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 2: COKING AND RESIDUAL CONDITIONING					P13.1
System 1: DELAYED COKING UNIT #30					S7.1, S13.2, S15.2, S31.7, S56.1
DRUM, 30-V-300A, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 542028 Permit to Construct Issued: 09/13/13	D10			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, 30-V-300B, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 542028 Permit to Construct Issued: 09/13/13	D11			PM: (9) [RULE 405, 2-7-1986]	D323.2
FRACTIONATOR, 30-V-301, HEIGHT: 52 FT ; DIAMETER: 7 FT A/N: 542028 Permit to Construct Issued: 09/13/13	D908				
ACCUMULATOR, FRACTIONATOR OVERHEAD, 30-V-302, WITH WATER LEG VENTED TO LIGHT ENDS RECOVERY COMPRESSOR, LENGTH: 18 FT ; DIAMETER: 5 FT 6 IN A/N: 542028 Permit to Construct Issued: 09/13/13	D909				
TANK, COKE DRUM CONDENSATE, 30-V-303, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 542028 Permit to Construct Issued: 09/13/13	D910				
COLUMN, LIGHT GAS OIL STRIPPER, 30-V-307, HEIGHT: 22 FT ; DIAMETER: 2 FT 6 IN A/N: 542028 Permit to Construct Issued: 09/13/13	D911				

- * (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 ULTRAMAR INC

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 2: COKING AND RESIDUAL CONDITIONING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542028 Permit to Construct Issued: 09/13/13	D1317			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 3: DELAYED COKING UNIT #31					S7.1, S13.2, S15.3, S31.7, S56.1
DRUM, 31-V-3000C, HEIGHT: 58 FT ; DIAMETER: 23 FT A/N: 542029 Permit to Construct Issued: 09/13/13	D14			PM: (9) [RULE 405, 2-7-1986]	D323.2
DRUM, 31-V-3000D, HEIGHT: 58 FT ; DIAMETER: 23 FT A/N: 542029 Permit to Construct Issued: 09/13/13	D15			PM: (9) [RULE 405, 2-7-1986]	D323.2
TOWER, 31-V-3001, HEIGHT: 62 FT ; DIAMETER: 7 FT 6 IN A/N: 542029 Permit to Construct Issued: 09/13/13	D16				
ACCUMULATOR, COKE TOWER OVHD, 31-V-3002, HEIGHT: 18 FT ; DIAMETER: 5 FT 6 IN A/N: 542029 Permit to Construct Issued: 09/13/13	D17				
COLUMN, COKE LIGHT GAS OIL STRIPPER, 31-V-3007, HEIGHT: 21 FT 7 IN; DIAMETER: 2 FT 6 IN A/N: 542029 Permit to Construct Issued: 09/13/13	D18				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542029 Permit to Construct Issued: 09/13/13	D1318			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
System 1: GAS OIL UNIBON HYDROTREATING UNIT 80					S13.2, S13.14, S15.3, S31.1, S56.1
TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT ; DIAMETER: 12 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D43				
REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT ; DIAMETER: 13 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D918				
REACTOR, 80-V-3, HDA, HEIGHT: 27 FT ; DIAMETER: 13 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D919				
COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N: 542038 Permit to Construct Issued: 09/13/13	D1382				
VESSEL, SEPARATOR, PRODUCT, 80-V-4, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D44				
COMPRESSOR, RECYCLE GAS, 80-C-1 A/N: 542038 Permit to Construct Issued: 09/13/13	D553				
REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1383				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1381				
SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT ; DIAMETER: 4 FT 6 IN A/N: 542038 Permit to Construct Issued: 09/13/13	D51				
KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1385				
COLUMN, 80-V-10, HDA DISTILLATE SPLITTER, HEIGHT: 74 FT ; DIAMETER: 12 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D46				
ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT ; DIAMETER: 5 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D47				
FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D49				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT ; DIAMETER: 5 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D50				
COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D920				
COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT ; DIAMETER: 4 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D921				
DRUM, LOW PRESSURE FLASH, 80-V-9, LENGTH: 13 FT ; DIAMETER: 8 FT 6 IN A/N: 542038 Permit to Construct Issued: 09/13/13	D45				
VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1384				
KNOCK OUT POT, 80-V-19, FUEL GAS, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1057				

* (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
DRUM, 80-V-12, WASH WATER SUCTION, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 20 FT ; DIAMETER: 5 FT A/N: 542038 Permit to Construct Issued: 09/13/13	D1058				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542038 Permit to Construct Issued: 09/13/13	D1323			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 3: NAPHTHA HYDROTREATING UNIT #60					S13.2, S15.3, S31.7, S56.1
TANK, SURGE, FEED, 60-V-1, LENGTH: 25 FT ; DIAMETER: 8 FT A/N: 542035 Permit to Construct Issued: 09/13/13	D54				
REACTOR, 60-V-2, HEIGHT: 23 FT ; DIAMETER: 6 FT 6 IN A/N: 542035 Permit to Construct Issued: 09/13/13	D922				
VESSEL, SEPARATOR, PRODUCT, 60-V-3, LENGTH: 20 FT 8 IN; DIAMETER: 7 FT A/N: 542035 Permit to Construct Issued: 09/13/13	D55				
COMPRESSOR, 60-C-1A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 542035 Permit to Construct Issued: 09/13/13	D57				

* (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
COMPRESSOR, 60-C-2A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 542035 Permit to Construct Issued: 09/13/13	D58				
COLUMN, STRIPPER, 60-V-5, WITH 20 TRAYS, HEIGHT: 58 FT 6 IN; DIAMETER: 7 FT A/N: 542035 Permit to Construct Issued: 09/13/13	D56				
ACCUMULATOR, STRIPPER, 60-V-6, LENGTH: 13 FT ; DIAMETER: 4 FT 6 IN A/N: 542035 Permit to Construct Issued: 09/13/13	D924				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542035 Permit to Construct Issued: 09/13/13	D1325			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
System 5: GAS OIL HYDRODESULFURIZATION UNIT #58					S4.6, S13.2, S13.14, S15.3, S56.1
VESSEL, COALESCER, 58-V-14, WARM FEED, HEIGHT: 24 FT ; DIAMETER: 4 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D687				
TANK, SURGE, FEED, 58-V-1, HEIGHT: 60 FT ; DIAMETER: 12 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D688				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
REACTOR, GUARD, 58-R-1, HEIGHT: 16 FT 3 IN; DIAMETER: 14 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D689				
REACTOR, HYDROTREATING, 58-R-2, HEIGHT: 42 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D690				
REACTOR, HYDROTREATING, 58-R-3, HEIGHT: 62 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D691				
GAS SEPARATOR, HP HOT, 58-V-2, HEIGHT: 30 FT ; DIAMETER: 10 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D692				
GAS SEPARATOR, HP COLD, 58-V-3, HEIGHT: 31 FT 2 IN; DIAMETER: 8 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D693				
GAS SEPARATOR, LP COLD, 58-V-8, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D694				
COLUMN, STRIPPING, 58-V-9, HEIGHT: 93 FT 6 IN; DIAMETER: 12 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D695				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
DRUM, STRIPPER OVERHEAD, 58-V-10, HEIGHT: 26 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D696				
COLUMN, DISTILLATE STRIPPING, 58-V-16, HEIGHT: 37 FT 6 IN; DIAMETER: 5 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D697				
ABSORBER, HP H2S, 58-V-4, HEIGHT: 76 FT ; DIAMETER: 6 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D698				
KNOCK OUT POT, RECYCLE GAS COMPRESSOR, 58-V-5, HEIGHT: 16 FT ; DIAMETER: 7 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D699				
TANK, SURGE, 58-V-6, WASH WATER, HEIGHT: 15 FT ; DIAMETER: 5 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D700				
GAS SEPARATOR, LP HOT, 58-V-7, HEIGHT: 44 FT ; DIAMETER: 10 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D701				
GAS SEPARATOR, 58-V-12, HEIGHT: 7 FT 2 IN; DIAMETER: 18 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D702				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
TANK, FLASH, 58-V-13, RICH AMINE, HEIGHT: 30 FT ; DIAMETER: 11 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D703				
KNOCK OUT POT, 58-V-15, FUEL GAS, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D704				
DRUM, 89-V-9007, FLARE BLOWDOWN,, HEIGHT: 38 FT ; DIAMETER: 12 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D705				
VESSEL, 89-V-9008, FLARE DRAIN POT, HEIGHT: 4 FT ; DIAMETER: 2 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D1309				
DRUM, CONDENSATE COLLECTION, 58-V-18, HEIGHT: 12 FT ; DIAMETER: 6 FT 6 IN A/N: 542034 Permit to Construct Issued: 09/13/13	D706				
DRUM, CONDENSATE BLOWDOWN, 58-V-21, HEIGHT: 7 FT 6 IN; DIAMETER: 4 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D707				
COMPRESSOR, RECYCLE GAS, 58-C-1, 6500 HP A/N: 542034 Permit to Construct Issued: 09/13/13	D708				

- | | |
|--|---|
| * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
DRUM, 58-V-22, SOUR WATER SURGE, HEIGHT: 28 FT ; DIAMETER: 9 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D1307				
DRUM, 58-V-23, AMINE DRAIN COLLECTION, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D1308				
FILTER, 58-F-1A/B, COLD FEED PREFILTER, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D762				
FILTER, 58-F-2A/B/C, WARM FEED, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D764				
FILTER, 58-F-3A/B, COMBINED FEED, HEIGHT: 6 FT ; DIAMETER: 4 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D766				
VESSEL, GOH DISTILLATE, SALT FILTER, 58-V-24, HEIGHT: 52 FT ; DIAMETER: 12 FT A/N: 542034 Permit to Construct Issued: 09/13/13	D1306				
DRAIN SYSTEM COMPONENT A/N: 542034 Permit to Construct Issued: 09/13/13	D1469			HAP: (10) [40CFR 63 Subpart CC, #4, 10-28-2009]	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 ULTRAMAR INC

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: HYDROTREATING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542034 Permit to Construct Issued: 09/13/13	D1327			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.16
System 7: NAPHTHA HYDROTREATER/SPLITTER UNIT #56					S4.4, S13.2, S13.14, S31.5, S56.1
COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT ; DIAMETER: 10 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D61				
TANK, SURGE, 56-V-1, HEIGHT: 32 FT ; DIAMETER: 10 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D423				
REACTOR, 56-R-2, HEIGHT: 29 FT ; DIAMETER: 9 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D1464				
VESSEL, SEPARATOR, PRODUCT, 56-V-3, HEIGHT: 25 FT ; DIAMETER: 9 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D424				
ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D425				
ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT ; DIAMETER: 8 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D426				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D427				
ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT ; DIAMETER: 8 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D428				
DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT ; DIAMETER: 3 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D593				
COMPRESSOR, RECYCLE, 56-C-1 A/N: 542033 Permit to Construct Issued: 09/13/13	D594				
DRUM, 56-V-15, HEIGHT: 30 FT ; DIAMETER: 8 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D595				
COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT ; DIAMETER: 11 FT A/N: 542033 Permit to Construct Issued: 09/13/13	D596				
COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT ; DIAMETER: 9 FT 6 IN A/N: 542033 Permit to Construct Issued: 09/13/13	D598				

- * (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 ULTRAMAR INC

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: HYDROTREATING					P13.1
BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N: 542033 Permit to Construct Issued: 09/13/13	D1465				
EJECTOR, EVACUATION, 56-EJ-1 A/N: 542033 Permit to Construct Issued: 09/13/13	D1466				
VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N: 542033 Permit to Construct Issued: 09/13/13	D1467				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542033 Permit to Construct Issued: 09/13/13	D1328			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
Process 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
System 1: PLATFORMER UNIT #70					S13.2, S13.13, S13.14, S56.1
VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT ; DIAMETER: 7 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D62				
COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT ; DIAMETER: 7 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D65				
VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT ; DIAMETER: 4 FT 6 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D66				

- * (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 ULTRAMAR INC

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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N:	D68	D74		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]; PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D69	D74		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]; PM: (9) [RULE 405, 2-7-1986]	D323.1
VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N: 542036 Permit to Construct Issued: 09/13/13	D70				
VESSEL, LIFT ENGAGER, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D71			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
EJECTOR, STEAM JET, 70-EJ-1 A/N: 542036 Permit to Construct Issued: 09/13/13	D72				
COMPRESSOR, RECYCLE GAS, 70-C-1 A/N: 542036 Permit to Construct Issued: 09/13/13	D554				
COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N: 542036 Permit to Construct Issued: 09/13/13	D555				
COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N: 542036 Permit to Construct Issued: 09/13/13	D556				

- * (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 ULTRAMAR INC

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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D925			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D926			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N:	D927			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	
DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT ; DIAMETER: 2 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D930				
DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT ; DIAMETER: 5 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D931				
TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D932	D74 D935		HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	A63.3
VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D933	D946		PM: (9) [RULE 405, 2-7-1986]	D323.1

* (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 ULTRAMAR INC

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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
VESSEL, #1, LIFT ENGAGER, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D934	D74		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DISENGAGING, 70-V-25, DIAMETER: 4 FT; HEIGHT: 13 FT 6 IN WITH A/N: 542036 Permit to Construct Issued: 09/13/13 COMPARTMENT, DISENGAGING AND PREHEAT ZONE, HEIGHT: 7 FT COMPARTMENT, CHLORIDE ADSORPTION ZONE, HEIGHT: 6 FT 6 IN	D935	D74 D932		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D936			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D937			PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D938			PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (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 ULTRAMAR INC

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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D939			PM: (9) [RULE 405, 2-7-1986]	D323.1
DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D940	D74			
DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D941	D74			
DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N: 542036 Permit to Construct Issued: 09/13/13	D942	D74			
DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT .75 IN A/N:	D943	D74			
VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N: 542036 Permit to Construct Issued: 09/13/13	D944				
EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N: 542036 Permit to Construct Issued: 09/13/13	D945				

- * (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 ULTRAMAR INC

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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
FILTER, HEPA, 70-ME-22 A/N: 542036 Permit to Construct Issued: 09/13/13	D946	D933			D322.1, D381.1, K67.8
VESSEL, FUEL GAS CHLORIDE TREATER, 70-V-42, HEIGHT: 18 FT ; DIAMETER: 5 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1212			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
VESSEL, NET GAS CHLORIDE TREATER, 70-V-43, HEIGHT: 16 FT ; DIAMETER: 5 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1213			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
VESSEL, LIQUID CHLORIDE TREATER, 70-V-44, HEIGHT: 31 FT ; DIAMETER: 7 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1214			HAP: (10) [40CFR 63 Subpart UUU, #1, 4-20-2006]	E166.1
DRUM, KNOCKOUT, 1ST STAGE, 70-V-5,, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1590				
DRUM, KNOCKOUT, 2ND STAGE, 70-V-6, HEIGHT: 20 FT ; DIAMETER: 6 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1591				
DRUM, BOOSTER COMPRESSOR SUCTION, 70-V-10, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1593				

- * (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 ULTRAMAR INC

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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 5: CATALYTIC REFORMING AND ISOMERIZATION					P13.1
DRUM, STEAM, 70-V-14,, HEIGHT: 14 FT 5 IN; DIAMETER: 4 FT A/N: 542036 Permit to Construct Issued: 09/13/13	D1594				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542036 Permit to Construct Issued: 09/13/13	D1331			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
Process 8: GAS PRODUCTION					P13.1
System 4: LIGHT ENDS VAPOR RECOVERY UNIT #43					S4.4, S13.2, S31.5, S31.7, S56.1
ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT ; DIAMETER: 6 FT A/N: 542030 Permit to Construct Issued: 09/13/13	D123				
COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT ; DIAMETER: 5 FT 6 IN A/N: 542030 Permit to Construct Issued: 09/13/13	D124				
ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT ; DIAMETER: 3 FT A/N: 542030 Permit to Construct Issued: 09/13/13	D965				
COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N: 542030 Permit to Construct Issued: 09/13/13	D125				

- * (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 8: GAS PRODUCTION					P13.1
COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N: 542030 Permit to Construct Issued: 09/13/13	D126				
KNOCK OUT POT, LIGHT ENDS COMPRESSOR, 43-V-309, HEIGHT: 9 FT ; DIAMETER: 3 FT A/N: 542030 Permit to Construct Issued: 09/13/13	D964				
VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT ; DIAMETER: 2 FT A/N: 542030 Permit to Construct Issued: 09/13/13	D966				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542030 Permit to Construct Issued: 09/13/13	D1339			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-20-2013]	H23.16
System 5: LIGHT ENDS VAPOR RECOVERY UNIT #44					S13.2, S15.3, S18.3, S31.7, S56.1
ABSORBER, SPONGE, 44-V-4002, HEIGHT: 95 FT ; DIAMETER: 6 FT A/N: 542031 Permit to Construct Issued: 09/13/13	D129				D323.2
COLUMN, DEBUTANIZER, 44-V-4004, HEIGHT: 85 FT ; DIAMETER: 7 FT A/N: 542031 Permit to Construct Issued: 09/13/13	D130				
ACCUMULATOR, DEBUTANIZER OVERHEAD, 44-V-4005, LENGTH: 15 FT ; DIAMETER: 4 FT 6 IN A/N: 542031 Permit to Construct Issued: 09/13/13	D131				

- * (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 8: GAS PRODUCTION					P13.1
COMPRESSOR, LIGHT ENDS, 44-C-4000 A/N: 542031 Permit to Construct Issued: 09/13/13	D558				
EJECTOR, 44-E-4010-EJ1, FIRST STAGE A/N: 542031 Permit to Construct Issued: 09/13/13	D1291				H23.1
EJECTOR, 44-E-4010-EJ2, SECOND STAGE A/N: 542031 Permit to Construct Issued: 09/13/13	D1292				H23.1
EJECTOR, 44-E-4010-EJ3 A/N: 542031 Permit to Construct Issued: 09/13/13	D1293				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542031 Permit to Construct Issued: 09/13/13	D1340			HAP: (10) [40CFR 63 Subpart CC, #5A, 10-28-2009]	H23.17
Process 10: TREATING/STRIPPING					P13.1
System 5: SOUR WATER STRIPPING UNIT #48					S13.2, S13.14, S15.4, S56.1
COLUMN, SOUR WATER STRIPPER, 48-V-1, HEIGHT: 88 FT ; DIAMETER: 5 FT A/N: 542032 Permit to Construct Issued: 09/13/13	D160			SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	
ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 48-V-2, LENGTH: 8 FT ; DIAMETER: 3 FT A/N: 542032 Permit to Construct Issued: 09/13/13	D161				

- * (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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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 10: TREATING/STRIPPING					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 542032 Permit to Construct Issued: 09/13/13	D1346				H23.17
Process 16: POWER GENERATION					
System 1: COGENERATION					S31.8

- * (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.

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 16: POWER GENERATION					
GENERATOR, 79-G-1, 34 MW					
BURNER, DUCT BURNER, NATURAL GAS, REFINERY GAS, REFINERY/NATURAL GAS, DELTAK OR EQUIVALENT, LOW NOX TYPE, 164.5 MMBTU/HR A/N: 527889 Permit to Construct Issued: 10/10/14	D1672	C1678 C1679	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 25 PPMV (8) [40CFR 60 Subpart K K K K, 7-6-2006]; PM: 0.01 GRAINS/SCF (5A) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5B) [RULE 476, 10-8-1976]; SO2: 0.06 LBS/MMBTU (8) [40CFR 60 Subpart K K K K, 7-6-2006]	A1.4, A63.10, A99.9, A99.10, A99.11, A99.13, A99.14, A99.15, A99.16, A327.1, B61.5, B61.6, D12.10, D29.15, D29.18, D82.6, D82.7, D90.16, D90.17, H23.33, H23.35, I297.1, I297.2, K40.4, K67.13
DRUM, KNOCKOUT, 79-V-2, FUEL GAS A/N: 527889 Permit to Construct Issued: 10/10/14	D1673				
SCRUBBER, 79-V-1, NATURAL GAS SUCTION A/N: 527889 Permit to Construct Issued: 10/10/14	D1674				
BOILER, WASTE HEAT RECOVERY, STEAM GENERATOR, UNFIRED A/N: 527889 Permit to Construct Issued: 10/10/14	D1675				

- * (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 ULTRAMAR INC

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 16: POWER GENERATION					
DRUM, 79-V-3, BLOWDOWN A/N: 527889 Permit to Construct Issued: 10/10/14	D1676				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 527889 Permit to Construct Issued: 10/10/14	D1677				H23.17
System 2: AIR POLLUTION CONTROL FOR COGENERATION					
CO OXIDATION CATALYST, BASF OR APPROVED EQUIVALENT SYSTEM, 150 CU FT; DEPTH: 2.6 IN; WIDTH: 11 FT; HEIGHT: 56 FT A/N: 527888 Permit to Construct Issued: 10/10/14	C1678	D1669 D1672 C1679			D12.11, D12.12
SELECTIVE CATALYTIC REDUCTION, HALDOR TOPSOE OR APPROVED EQUIVALENT SYSTEM, 425 CU FT; DEPTH: 13.4 IN; WIDTH: 11FT; HEIGHT: 56 FT WITH A/N: 527888 Permit to Construct Issued: 10/10/14 AMMONIA INJECTION	C1679	D1669 D1672 C1678 S1682		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	A99.12, D12.13, D12.14, D29.17, E73.6
VESSEL, 79-ME-1, AQUEOUS AMMONIA VAPORIZER A/N: 527888 Permit to Construct Issued: 10/10/14	D1681				
STACK, HEIGHT: 95 FT ; DIAMETER: 9 FT A/N: 527888 Permit to Construct Issued: 10/10/14	S1682	C1679			
Process 17: AIR POLLUTION CONTROL					

- * (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 ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
System 1: VAPOR RECOVERY UNIT					S4.8, S56.1, S58.1
KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT ; DIAMETER: 6 FT A/N: 530497 Permit to Construct Issued: 09/13/13	D398				
COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N: 530497 Permit to Construct Issued: 09/13/13	D548				
KNOCK OUT POT, STANDBY COMPRESSOR DISCHARGE, 93-V-9003, LENGTH: 6 FT ; DIAMETER: 2 FT A/N: 530497 Permit to Construct Issued: 09/13/13	C397				
KNOCK OUT POT, SUCTION, 93-V-9005, LENGTH: 12 FT ; DIAMETER: 6 FT A/N: 530497 Permit to Construct Issued: 09/13/13	C394				
KNOCK OUT POT, FIRST STAGE, 93-V-9006, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 530497 Permit to Construct Issued: 09/13/13	C395				
COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N: 530497 Permit to Construct Issued: 09/13/13	D549				

- * (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 ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT ; DIAMETER: 3 FT 6 IN A/N: 530497 Permit to Construct Issued: 09/13/13	D396				
EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N: 530497 Permit to Construct Issued: 09/13/13	D1299				H23.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 530497 Permit to Construct Issued: 09/13/13	D872				H23.17
System 3: REFINERY RELIEF AND PHASE 0 FLARE UNIT					S58.2
FLARE, ELEVATED WITH STEAM INJECTION, 89-FT-900, PHASE 0, CALLIDUS, MODEL BTZ-US-24, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-24, 18 STEAM JETS, DIAMETER: 2 FT A/N: 530492 Permit to Construct Issued: 09/13/13	C401			H2S: 162 PPMV (8) [40CFR 60SubpartJa, 9-12-2012]	C1.13, D12.8, D323.2, E193.2, H23.30, H23.32
DRUM, 89-V-9006, PHASE 0 FLARE WATER SEAL, LENGTH: 12 FT ; DIAMETER: 7 FT A/N: 530492 Permit to Construct Issued: 09/13/13	D405				
DRUM, LIQUID BLOWDOWN, 89-V-9004, LENGTH: 16 FT ; DIAMETER: 8 FT A/N: 530492 Permit to Construct Issued: 09/13/13	D407				

- * (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 ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
DRUM, LIQUID BLOWDOWN, 75-V-3, LENGTH: 20 FT ; DIAMETER: 10 FT A/N: 530492 Permit to Construct Issued: 09/13/13	D408	D42			
System 13: REFINERY RELIEF AND PHASE II FLARE UNIT					S58.2
FLARE, ELEVATED WITH STEAM INJECTION, PHASE II, 75-FT-1, CALLIDUS, MODEL BTZ-US-30, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS, DIAMETER: 2 FT 6 IN A/N: 530494 Permit to Construct Issued: 09/13/13	C403			H2S: 162 PPMV (8) [40CFR 60SubpartJa, 9-12-2012]	C1.13, D12.8, D323.2, E193.2, H23.30, H23.32
DRUM, 75-V-1, PHASE II FLARE WATER SEAL, LENGTH: 30 FT ; DIAMETER: 12 FT A/N: 530494 Permit to Construct Issued: 09/13/13	D406				
System 14: REFINERY RELIEF AND PHASE I FLARE UNIT					S58.2
FLARE, ELEVATED WITH STEAM INJECTION, PHASE I, 89-FT-9000, CALLIDUS, MODEL BTZ-US-30, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS, DIAMETER: 2 FT 6 IN A/N: 530493 Permit to Construct Issued: 09/13/13	C402			H2S: 162 PPMV (8) [40CFR 60SubpartJa, 9-12-2012]	C1.13, D12.8, D323.2, E193.2, H23.30, H23.32

* (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 ULTRAMAR INC

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 17: AIR POLLUTION CONTROL					
DRUM, 89-V-9002, PHASE I FLARE WATER SEAL, LENGTH: 32 FT ; DIAMETER: 11 FT A/N: 530493 Permit to Construct Issued: 09/13/13	D404	D1235 D1236 D1239			

- | | |
|---|---|
| <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 ULTRAMAR INC

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 ULTRAMAR INC

SECTION H: DEVICE ID INDEX

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D14	4	2	3
D15	4	2	3
D16	4	2	3
D17	4	2	3
D18	4	2	3
D43	5	4	1
D44	5	4	1
D45	7	4	1
D46	6	4	1
D47	6	4	1
D49	6	4	1
D50	7	4	1
D51	6	4	1
D54	8	4	3
D55	8	4	3
D56	9	4	3
D57	8	4	3
D58	9	4	3
D61	14	4	7
D62	16	5	1
D65	16	5	1
D66	16	5	1
D68	17	5	1
D69	17	5	1
D70	17	5	1
D71	17	5	1
D72	17	5	1
D123	22	8	4
D124	22	8	4
D125	22	8	4
D126	23	8	4

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D129	23	8	5
D130	23	8	5
D131	23	8	5
D160	24	10	5
D161	24	10	5
C394	29	17	1
C395	29	17	1
D396	30	17	1
C397	29	17	1
D398	29	17	1
C401	30	17	3
C402	31	17	14
C403	31	17	13
D404	32	17	14
D405	30	17	3
D406	31	17	13
D407	30	17	3
D408	31	17	3
D423	14	4	7
D424	14	4	7
D425	14	4	7
D426	14	4	7
D427	15	4	7
D428	15	4	7
D548	29	17	1
D549	29	17	1
D553	5	4	1
D554	17	5	1
D555	17	5	1
D556	17	5	1
D558	24	8	5
D593	15	4	7
D594	15	4	7
D595	15	4	7

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D596	15	4	7
D598	15	4	7
D687	9	4	5
D688	9	4	5
D689	10	4	5
D690	10	4	5
D691	10	4	5
D692	10	4	5
D693	10	4	5
D694	10	4	5
D695	10	4	5
D696	11	4	5
D697	11	4	5
D698	11	4	5
D699	11	4	5
D700	11	4	5
D701	11	4	5
D702	11	4	5
D703	12	4	5
D704	12	4	5
D705	12	4	5
D706	12	4	5
D707	12	4	5
D708	12	4	5
D762	13	4	5
D764	13	4	5
D766	13	4	5
D872	30	17	1
D883	1	1	1
D884	1	1	1
D885	1	1	1
D886	1	1	1
D887	1	1	1
D888	2	1	3

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
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D890	2	1	3
D891	2	1	3
D892	2	1	3
D908	3	2	1
D909	3	2	1
D910	3	2	1
D911	3	2	1
D918	5	4	1
D919	5	4	1
D920	7	4	1
D921	7	4	1
D922	8	4	3
D924	9	4	3
D925	18	5	1
D926	18	5	1
D927	18	5	1
D930	18	5	1
D931	18	5	1
D932	18	5	1
D933	18	5	1
D934	19	5	1
D935	19	5	1
D936	19	5	1
D937	19	5	1
D938	19	5	1
D939	20	5	1
D940	20	5	1
D941	20	5	1
D942	20	5	1
D943	20	5	1
D944	20	5	1
D945	20	5	1
D946	21	5	1

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: DEVICE ID INDEX

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D964	23	8	4
D965	22	8	4
D966	23	8	4
D1057	7	4	1
D1058	8	4	1
D1212	21	5	1
D1213	21	5	1
D1214	21	5	1
D1291	24	8	5
D1292	24	8	5
D1293	24	8	5
D1299	30	17	1
D1306	13	4	5
D1307	13	4	5
D1308	13	4	5
D1309	12	4	5
D1310	1	1	1
D1312	2	1	3
D1317	4	2	1
D1318	4	2	3
D1323	8	4	1
D1325	9	4	3
D1327	14	4	5
D1328	16	4	7
D1331	22	5	1
D1339	23	8	4
D1340	24	8	5
D1346	25	10	5
D1381	6	4	1
D1382	5	4	1
D1383	5	4	1
D1384	7	4	1
D1385	6	4	1
D1464	14	4	7

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: DEVICE ID INDEX

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D1466	16	4	7
D1467	16	4	7
D1469	13	4	5
D1590	21	5	1
D1591	21	5	1
D1593	21	5	1
D1594	22	5	1
D1669	27	16	1
D1672	27	16	1
D1673	27	16	1
D1674	27	16	1
D1675	27	16	1
D1676	28	16	1
D1677	28	16	1
C1678	28	16	2
C1679	28	16	2
D1681	28	16	2
S1682	28	16	2

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F8.1 The operator shall comply with all applicable mitigation measures and/or project conditions stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

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]

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Total Reduced Sulfur

H₂S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

- a. Implementation of an inspection and maintenance program for all odor sources.
- b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.
- c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.
- d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.
- e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

- F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 ULTRAMAR INC

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 ULTRAMAR INC

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):
California Code of Regulations, Title 13, Division 3, Chapter 5
40CFR79
40CFR80
[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]
- F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):
40 CFR 60 Subpart A
40 CFR 61 Subpart A
40 CFR 63 Subpart A
40CFR63, Subpart GGGGG
[40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; 40CFR 63 Subpart GGGGG, 11-29-2006]
- F52.3 This facility is subject to the applicable requirements of the following rules or regulation(s):
CONSENT DECREE Civil No. SA-05-CA-0569. The facility shall send the District a copy of the semiannual update report sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree. This report shall also identify any anticipated future requirements known as of the date of the report and dates of compliance for the requirements.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[CONSENT DECREE VALERO, 6-16-2005]

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
Benzene	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

S1.1 The operator shall limit the throughput to no more than 650000 ton(s) in any one year.

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

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

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

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

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 34 LBS IN ANY ONE DAY

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

CO	Less than or equal to 76 LBS IN ANY ONE DAY
PM	Less than or equal to 101 LBS IN ANY ONE DAY

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

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

[Systems subject to this condition : Process 4, System 8]

- S4.1 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-2-2008]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 10, System 8]

S4.2 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

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

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new process drains shall be equipped with P-trap or seal pot.

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

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

S4.3 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All components are subject to District Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2; Process 13, System 1]

S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of SCAQMD Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

[RULE 1173, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008; 40CFR 60 Subpart QQQ, 10-17-2000]

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

S4.5 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

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.

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

**[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; 40CFR 60 Subpart GGG, 6-2-2008]**

[Systems subject to this condition : Process 11, System 41]

S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All components are subject to SCAQMD 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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, 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 limitation.

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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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

[Systems subject to this condition : Process 4, System 5; Process 10, System 1, 10, 13, 55]

S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All components are subject to District Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

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

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.

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.

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

**[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; 40CFR 60 Subpart GGG, 6-2-2008]**

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 8, System 1 , 2]

S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All components are subject to SCAQMD Rule 1173.

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 components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above 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.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the SCAQMD 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, and valves not commercially available.

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.

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

The operator shall provide to the SCAQMD, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

used.

[RULE 1173, 2-6-2009; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

S4.10 The following condition(s) shall apply to all affected devices listed under Section D of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

[RULE 1173, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008; 40CFR 60 Subpart QQQ, 10-17-2000]

[Systems subject to this condition : Process 8, System 3 , 6]

S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

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

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 ULTRAMAR INC

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 2, System 6 , 7]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5 , 6; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 13 , 39 , 45 , 46 , 55; Process 11, System 1 , 2; Process 17, System 50 , 97]

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	1149
VOC	District Rule	463

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

[Systems subject to this condition : Process 14, System 5]

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	463
VOC	District Rule	1149
VOC	District Rule	1178

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 1 , 2 , 7]

S13.7 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
VOC	40CFR60, SUBPART	QQQ
Benzene	40CFR61, SUBPART	FF

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000; 40CFR 61 Subpart FF, 12-4-2003]

[Systems subject to this condition : Process 13, System 1 , 3]

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR60, SUBPART	J
H2S	40CFR60, SUBPART	J

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Systems subject to this condition : Process 11, System 1 , 2 , 41]

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Total Reduced Sulfur	40CFR63, SUBPART	UUU

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 11, System 1 , 2]

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determine independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

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

[Systems subject to this condition : Process 11, System 4]

S13.12 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
VOC	District Rule	1178

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 9]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR63, SUBPART	UUU
HCl 34.64	40CFR63, SUBPART	UUU
<<NH3 3,709		

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

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

S13.14 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 2-6-2009]

[Systems subject to this condition : Process 4, System 1, 5, 7; Process 5, System 1; Process 10, System 5]

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All coker blowdown gases under normal operating conditions shall be directed to a vapor recovery system.

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

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

S15.3 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 sour gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 2, System 3 , 5; Process 4, System 1 , 3 , 5; Process 8, System 5]

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

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

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

[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 10, System 1 , 5 , 6 , 39 , 45 , 46 , 55]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S15.8 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 thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer 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 11, System 6 , 7 , 41]

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 the tail gas treating unit(s).

This process/system shall not be operated unless the tail 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 11, System 1 , 2]

S15.13 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 front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have a valid permit to receive vent gases from this system.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 11, System 6 , 7]

- 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:

Wastewater Treatment System (Process: 13, 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]

[Systems subject to this condition : Process 17, System 11]

- 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:

Delayed Coking Units (Process: 2, System: 1 and 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]

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

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 10, System 45; Process 17, System 97]

- S18.5 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:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

[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 10, System 10]

- S18.6 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 Units (Process: 10, System: 1, 5, and 6)

Amine Treating Units (Process: 10, System: 39, 45, 46, and 55)

Tail Gas Unit (Process: 11, System: 41)

[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 11, System 1 , 2]

- S18.7 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 ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Sulfur Vapor Collection System Serving Storage Tank, Pits and Loading Rack
(Process: 11, System: 6 and 7)

Tail Gas Unit (Process: 11, System: 41)

**[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 11, System 4]

- S18.9 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:

Pressurized Tanks, LPG (Process: 14, 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]**

[Systems subject to this condition : Process 17, System 2]

- S18.10 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 Unit, Trains 1 & 2 (Process: 11, System: 1 and 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 11, System 41]

- S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All valves shall be leakless 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 horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The SCAQMD shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon SCAQMD approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

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

[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 4, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 416627 (Unit 43), 416624 (Unit 56), 466997 (Unit 63), 485015 (Unit 67), 416622 (Unit 68), 416626 (Unit 69), 416628 (Unit 86-B-9002), and 465660 (Unit 88):

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 closed vent system or equipped with rupture disc.

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

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

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the SCAQMD in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the SCAQMD prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

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

[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 4, System 7; Process 7, System 1, 3; Process 8, System 3, 4, 6; Process 10, System 13; Process 15, System 4]

S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves 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.

All new components in VOC service as defined in Rule 1173, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 14, System 7]

S31.7 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 542026 (Unit 10), 542027 (Unit 11), 542028 (Unit 30), 542029 (Unit 31), 542035 (Unit 60), 542030 (Unit 43), 542031 (Unit 44):

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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 closed vent system or equipped with rupture disc.

All new light liquid pumps shall utilize double seals.

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

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

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the SCAQMD in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

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

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173. Components shall be defined as any valve,

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, meter, and any instrumentation which are not exempted by Rule 1173.

If 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the SCAQMD.

The operator shall revert from a quarterly to monthly inspection program if less than 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm.

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

The operator shall provide to the SCAQMD, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[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 , 3; Process 2, System 1 , 3; Process 4, System 3; Process 8, System 4 , 5]

S31.8 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 527889:

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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 new valves in VOC service shall be leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

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

All new components in VOC service as defined by Rule 1173, except valves and flanges shall be inspected quarterly using EPA Reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

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

The following leaks shall be repaired within 2 calendar days -- any leak between 10,000 to 25,000 ppm, any atmospheric PRD leaking at a rate of 200 to 25,000 ppm, unless otherwise extended as allowed under Rule 1173.

The following leaks shall be repaired within 1 calendar day -- any leak greater than 25,000 ppm, heavy liquid leak greater than 500 ppm, or light liquid leak greater than 3 drops per minute

If 98.0 percent or greater of the new valve and the new flange population

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

inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer. This condition shall not apply to leakless valves

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

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

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

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

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(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 16, System 1]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S56.1 Vent gases from all affected devices of this process/system shall be directed to a gas recovery system, except for the venting of gases from equipment specifically identified in a permit condition, and for the following events for which vent gases may be directed to a flare:

1) Vent gases resulting from an Emergency as defined in Rule 1118 ;

2) Vent gases resulting from Planned Shutdowns, Startups and/or Turnarounds as defined in Rule 1118, provided that the owner/operator follows the applicable options and any associated limitations to reduce flaring that were identified, evaluated and most recently submitted by the owner/operator to the Executive Officer pursuant to Rule 1118, or any other option(s) which reduces flaring for such planned events; and

3) Vent gases due to and resulting from an Essential Operational Need, as defined in Rule 1118.

The evaluation of options to reduce flaring during Planned Shutdowns, Startups and/or Turnarounds shall be updated annually to reflect any revisions, and submitted to the Executive Officer in the first quarter of each year, but no later than March 31st of that year.

This process/system shall not be operated unless its designated flare(s) and vapor recovery system are in full use and have valid permits to receive vent gases from this process/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, 3, 5; Process 2, System 1, 3, 5; Process 3, System 1; Process 4, System 1, 3, 5, 7; Process 5, System 1; Process 7, System 1, 3; Process 8, System 1, 2, 3, 4, 5, 6; Process 9, System 1; Process 10, System 1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 39, 45, 46, 55; Process 11, System 1, 2, 41; Process 13, System 1; Process 14, System 5, 6; Process 17, System 1, 11, 46, 50, 88, 97]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S58.1 The vapor recovery system shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Crude Distillation Units (Process 1: System 1, 3, 5)
Delayed Coking Units (Process 2: System 1, 3)
Delayed Coking Blowdown Unit (Process 2: System 5)
FCC Unit (Process 3: System 1)
Hydrotreating Units (Process 4: System 1, 3, 5, 7)
Catalytic Reforming Unit (Process 5: System 1)
Alkylation and Isomerization Units (Process 7: System 1, 3)
Gas Production Units (Process 8: System 1, 2, 3, 4, 5)
Blending Unit (Process 9: System 1)
Treating/Stripping Units (Process 10: System 1, 2, 3, 4, 5, 6, 7, 8)
Amine Treating Units (Process 10: System 10, 39, 45, 46, 55)
Fuel Gas Treating Unit (Process 10: System 13)
Tail Gas Treating Unit (Process 11: System 41)
Oil/Water Separation Unit (Process 13: System 1)
Storage Tanks (Process 14: System 1, 5, 6)
Air Pollution Control (Process 17: System 11, 50, 88, and 97)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means the compressor train (either 1st stage and 2nd stage compressors, or spare compressor in Process 17, System 1) is online at any given time, except during planned startups or shutdowns.

[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 17, System 1]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S58.2 The Phase 0, I, and II flares shall only be used to receive and handle vent gases from the following Process(es) and System(s):

Crude Distillation Units (Process 1: System 1, 3, 5)
Delayed Coking Units (Process 2: System 1, 3)
Delayed Coking Blowdown Unit (Process 2: System 5)
FCC Unit (Process 3: System 1)
Hydrotreating Units (Process 4: System 1, 3, 5, 7)
Catalytic Reforming Unit (Process 5: System 1)
Alkylation and Isomerization Units (Process 7: System 1, 3)
Gas Production Units (Process 8: System 1, 2, 3, 4, 5)
Blending Unit (Process 9: System 1)
Treating/Stripping Units (Process 10: System 1, 2, 3, 4, 5, 6, 7, 8)
Amine Treating Units (Process 10: System 10, 39, 45, 46, 55)
Fuel Gas Treating Unit (Process 10: System 13)
Sulfur Recovery Units (Process 11: System 1, 2)
Tail Gas Treating Unit (Process 11: System 41)
Oil/Water Separation Unit (Process 13: System 1)
Storage Tanks (Process 14: System 1, 5, 6)
Vapor Recovery System (Process 17: System 1)
Air Pollution Control (Process 17: System 11, 50, 88, and 97)

The flare gas recovery system shall be operated in full use when any of the above Process(es) and System(s) is in operation. Full use means the compressor train (either 1st stage and 2nd stage compressors, or spare compressor in Process 17, System 1) is online at any given time, except during planned startups or shutdowns.

[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 ULTRAMAR INC

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 17, System 3 , 13 , 14]

DEVICE CONDITIONS

A. Emission Limits

A1.4 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

Emittant	Emission Limit Type	Averaging time (O2 Content)	Compliance Verification Method
CO	(5) - Command and Control	15 minute (3 percent oxygen)	Source Test
CO	(4)- BACT	1 hour (3 percent oxygen)	Certified CEMS
NOx	(4)- BACT	1 hour (3 percent oxygen)	Source Test, Certified CEMS
PM	(5) - Command and Control	1 hour (3 percent oxygen)	Source Test
SOx	(4)- BACT	1 hour (3 percent oxygen)	Source Test, Certified CEMS
VOC	(4)- BACT	1 hour (3 percent oxygen)	Source Test

The above limits are all determined at standard conditions of 68 degrees F and 1 atm.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 407, 4-2-1982; RULE 409, 8-7-1981; RULE 476, 10-8-1976**]

[Devices subject to this condition : D1669, D1672]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than or equal to 2 LBS PER DAY
CO	Less than or equal to 1 LBS PER DAY

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

[Devices subject to this condition : D932]

A63.10 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 2891 LBS IN ANY CALENDAR MONTH
PM10	Less than or equal to 5197 LBS IN ANY CALENDAR MONTH

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

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from Boiler 86-B-9000, Boiler 86-B-9001, Boiler 86-B-9002, Gas Turbine 79-GT-1, and Duct Burner.

The operator shall initially calculate the monthly emissions for VOC and PM10 using the equation below.

Monthly Emissions, lb/ month = (Monthly fuel usage in mmscf/day) * (Emission factors indicated below)

The emission factors for the gas turbine and duct burner during the commissioning period shall be as follows: VOC, 6.20 lb/mmscf; PM10, 14.01 lb/mmscf.

After commissioning, the emission factors of the gas turbine and duct burner shall be as follows: VOC, 4.14 lb/mmscf; PM: 9.78 lb/mmscf.

The emission factors for the boilers 86-B-9000, 86-B-9001, 86-B-9002 shall be as follows: VOC, 5.5 lb/mmscf; PM10, 7.6 lb/mmscf.

The VOC and PM10 emission factors for boilers 86-B-9000, 86-B-9001, 86-B-9002 shall be revised annually based on results of individual VOC and PM10 source tests performed as specified in permit condition D29.16. The VOC and PM10 emission factor shall be calculated as the average emission rate in lb/mmscf from all valid source test runs during the annual source test.

The VOC and PM10 emission factors for the gas turbine and duct burner shall be revised initially and annually, thereafter, based on the results of individual VOC and PM10 source tests performed as specified in permit conditions D29.15 and D29.18. The VOC and PM10 emission factor shall be calculated as the average emission rate in lb/mmscf from all valid source test runs during the annual source test.

The operator shall maintain records in a manner approved by the SCAQMD to demonstrate compliance with this condition and the records shall be made available to SCAQMD personnel upon request.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D1669, D1672]

A99.9 The 2.5 PPM NOX emission limit(s) shall not apply during turbine commissioning, start-up, and shutdown periods. The turbine commissioning shall not exceed 376 total hours. The turbine shall be limited to a maximum of 20 hours of start-ups and shutdown per year.

For the purposes of this condition, the start-up and shutdown period shall be defined as the initial 30 minute time period when the equipment is shutting down or the initial 60 minute time period when the equipment is starting up and the temperature of the exhaust gas at the inlet of the SCR is below 535 degrees F.

NOx emissions shall not exceed 28.4 lbs/startup and 11 lbs/shutdown.

[RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D1669, D1672]

A99.10 The 4 PPM CO emission limit(s) shall not apply during turbine commissioning, start-up, and shutdown periods. The turbine commissioning shall not exceed 376 total hours. The turbine shall be limited to a maximum of 20 hours of start-ups and shutdown per year.

For the purposes of this condition, the start-up and shutdown period shall be defined as the initial 30 minute time period when the equipment is shutting down or the initial 60 minute time period when the equipment is starting up and the temperature of the exhaust gas at the inlet of the SCR is below 535 degrees F.

[RULE 1703(a)(2) - PSD-BACT, 10-7-1988]

[Devices subject to this condition : D1669, D1672]

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

A99.11 The 3 PPM VOC emission limit(s) shall not apply during turbine commissioning, start-up, and shutdown periods. The turbine commissioning shall not exceed 376 total hours. The turbine shall be limited to a maximum of 20 hours of start-ups and shutdown per year.

For the purposes of this condition, the start-up and shutdown period shall be defined as the initial 30 minute time period when the equipment is shutting down or the initial 60 minute time period when the equipment is starting up and the temperature of the exhaust gas at the inlet of the SCR is below 535 degrees F.

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

[Devices subject to this condition : D1669, D1672]

A99.12 The 5 PPM NH₃ emission limit(s) shall not apply apply during turbine commissioning, start-up, and shutdown periods. The turbine commissioning shall not exceed 376 total hours. The turbine shall be limited to a maximum of 20 hours of start-ups and shutdown per year.

For the purposes of this condition, the start-up and shutdown period shall be defined as the initial 30 minute time period when the equipment is shutting down or the initial 60 minute time period when the equipment is starting up and the temperature of the exhaust gas at the inlet of the SCR is below 535 degrees F.

With the exception of the commissioning period, the ammonia injection system shall be in full operation at all times that the exhaust gas temperature at the inlet to the SCR is greater than 535 degrees F.

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

[Devices subject to this condition : C1679]

A99.13 The 52.3 LBS/MMSCF NOX emission limit(s) shall only apply during turbine commissioning during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from the initial start up of the turbine.

[RULE 2012, 5-6-2005]

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

[Devices subject to this condition : D1669, D1672]

A99.14 The 10.1 LBS/MMSCF NOX emission limit(s) shall only apply after turbine commissioning during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from the initial start up of the turbine.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D1669, D1672]

A99.15 The 4.10 LBS/MMSCF SOX emission limit(s) shall only apply during turbine commissioning during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from the initial start up of the turbine.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D1669, D1672]

A99.16 The 3.9 LBS/MMSCF SOX emission limit(s) shall only apply after turbine commissioning during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from the initial start up of the turbine.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D1669, D1672]

A327.1 For the purpose of determining compliance with District Rule 476, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 476, 10-8-1976]

[Devices subject to this condition : D1672]

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

A327.2 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[**RULE 475, 10-8-1976; RULE 475, 8-7-1978**]

[Devices subject to this condition : D1669]

B. Material/Fuel Type Limits

B61.5 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	60
H2S greater than	162

The 60 ppmv limit is based on a rolling 365 consecutive calendar day rolling average.

The 162 ppmv limit is based on a rolling 3-hour averaging period.

[**40CFR 60SubpartJa, 9-12-2012**]

[Devices subject to this condition : D1672]

B61.6 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
Total sulfur (calculated as H2S) greater than	40

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

The 40 ppm limit shall be based on a 1-hour averaging time.

For the purposes of this condition, fuel gas is defined as natural gas obtained from a utility regulated by the Public Utilities Commission (PUC) or a mixture of refinery fuel gas, produced within the refinery, and natural gas.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1672]

C. Throughput or Operating Parameter Limits

C1.13 The operator shall limit the fuel usage to no more than 207200 cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as the sum of instantaneous flow rates in cubic feet per hour of purge gases used in Device numbers C401, C402, and C403 times 24 hours per day as read from each flow meter.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : C401, C402, C403]

D. Monitoring/Testing Requirements

D12.8 The operator shall install and maintain a(n) thermocouple or any other equivalent device to accurately indicate the presence of a flame at the pilot light.

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

[Devices subject to this condition : C401, C402, C403]

D12.10 The operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the gas turbine and duct burner.

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

The operator shall also install and maintain a device to continuously record the parameter being measured in accordance with Rule 2012.

[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 : D1669, D1672]

- D12.11 The operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the inlet of the CO catalyst bed.

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 5 percent. It shall be calibrated once every 12 months.

For the purpose of this condition, continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

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

[Devices subject to this condition : C1678]

- D12.12 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the CO catalyst bed in inches of water column.

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

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 5 percent. It shall be calibrated once every 12 months.

For the purpose of this condition, continuously record shall be defined as recording at least once a week and shall be calculated based upon the average of the continuous monitoring for that week.

The pressure drop across the catalyst shall not exceed 6 inches water column.

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

[Devices subject to this condition : C1678]

- D12.13 The operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the inlet of the SCR catalyst bed.

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 5 percent. It shall be calibrated once every 12 months.

For the purpose of this condition, continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

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

[Devices subject to this condition : C1679]

- D12.14 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of ammonia injected.

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

The operator shall also install and maintain a device to continuously record the parameter being measured every 15 minutes.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The calibration records shall be kept on site and made available to SCAQMD personnel upon request.

The ammonia injection system shall be placed in full operation as soon as the minimum temperature at the inlet to the SCR reactor is reached. The minimum temperature is 535 degrees F.

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

[Devices subject to this condition : C1679]

D29.15 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	Approved District method	District-approved averaging time	Outlet of the SCR
CO emissions	Approved District method	District-approved averaging time	Outlet of the SCR
SOX emissions	Approved District method	District-approved averaging time	Outlet of the SCR
VOC emissions	Approved District method	District-approved averaging time	Outlet of the SCR
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR
NH3 emissions	Approved District method	District-approved averaging time	Outlet of the SCR

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

The test shall be conducted after SCAQMD approval of the source test protocol, but no later than 180 days after initial start-up. The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted in accordance with SCAQMD approved test protocol. The protocol shall be submitted to the SCAQMD engineer no later than 45 days before the proposed test date and shall be approved by the SCAQMD before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures.

The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (CFH), the flue gas flow rate, amount of ammonia injected for NO_x control, and Higher Heating Value (HHV) of fuel gas other than natural gas, and the turbine generating output in MW.

The test shall be conducted with duct firing when this equipment is operating at maximum, average, and minimum loads at which ammonia injection occurs during the NO_x and PM test. The fuel combusted in the duct burner during the source test shall be at least 40% refinery gas or a fuel mixture of natural gas and refinery gas approved by the SCAQMD.

For the purpose of this condition, alternative test method may be allowed for each of the above pollutants upon concurrence of SCAQMD, EPA and CARB.

[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 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 5-6-2005]

[Devices subject to this condition : D1669, D1672]

D29.17 The operator shall conduct source test(s) for the pollutant(s) identified below.

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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
NH3 emissions	Approved District method	District-approved averaging time	Outlet of the SCR

The test(s) shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test.

The NOx concentration, as determined by the CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable, a test shall be conducted to determine the NOx emissions using District Method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted no later than 180 days after initial startup.

The test results submitted to the District within 60 days after the test date.

The test shall be conducted when the gas turbine and duct burner are operating at a load of 80 percent or greater of the maximum design capacity.

The test shall be conducted to demonstrate compliance with the Rule 1303 BACT concentration limit.

If the equipment is not operated in any given quarter, the operator may elect to defer the required testing to a quarter in which the equipment is operated.

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

[Devices subject to this condition : C1679]

D29.18 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
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The operator shall comply with the terms and conditions set forth below:

VOC emissions	Approved District method	District-approved averaging time	Outlet of the SCR
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR

The test shall be conducted annually. The AQMD 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 determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (CFH), the flue gas flow rate, and the turbine generating output in MW.

The test shall be conducted in accordance with AQMD approved test protocol. The protocol shall be submitted to the AQMD engineer no later than 45 days before the proposed test date and shall be approved by the AQMD before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures.

The test shall be conducted when this equipment is operating at a load of 80 percent or greater of the maximum design capacity at which ammonia injection occurs during the PM10 test. The fuel combusted in the duct burner during the source test shall be at least 40% refinery gas or a fuel mixture of natural gas and refinery gas approved by the SCAQMD.

For the purposes of this condition, alternative test method may be allowed for each of the above pollutants upon concurrence of SCAQMD, EPA, and CARB.

The test shall be conducted for compliance verification of the BACT VOC 3 ppmv limit.

[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 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 409, 8-7-1981; RULE 475, 10-8-1976; RULE 475, 8-7-1978; RULE 476, 10-8-1976]

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

[Devices subject to this condition : D1669, D1672]

D82.6 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operating no later than 90 days after initial startup of the turbine, in accordance with an approved SCAQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from SCAQMD. Within two weeks of the turbine start-up, the operator shall provide written notification to the SCAQMD of the exact date of start-up

The CEMS shall be installed and operated to measure CO concentrations over a 15 minute averaging time period

[RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 218, 5-14-1999]

[Devices subject to this condition : D1669, D1672]

D82.7 The operator shall install and maintain a CEMS to measure the following parameters:

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

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine and shall comply with the requirements of Rule 2012. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3). Within two weeks of the turbine start-up date, the operator shall provide written notification to the SCAQMD of the exact date of start-up

The CEMS shall be installed and operating (for BACT purposes only) no later than 90 days after initial start-up of the turbine

[RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011; RULE 2012, 5-6-2005]

[Devices subject to this condition : D1669, D1672]

D90.16 The operator shall continuously monitor the H₂S concentration in the fuel gas before being burned in this device according to the following specifications:

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

The operator shall also install and maintain a device to continuously record the parameter being monitored in accordance with 40CFR60 Subpart Ja.

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 60SubpartJa, 9-12-2012]

[Devices subject to this condition : D1669, D1672]

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

D90.17 The operator shall continuously monitor the total sulfur compounds calculated as H₂S concentration in the refinery fuel gas before being burned in this device according to the following specifications:

The CEMS shall be approved by the SCAQMD before the initial startup.

The operator shall also install and maintain a device to continuously record the parameter being monitored every 15 minutes.

The operator may monitor the total sulfur compounds 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.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D1672]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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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.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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 : D68, D69, D933, D934, D935, D936, D937, D938, D939]

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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 semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-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 ULTRAMAR INC

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

[Devices subject to this condition : D10, D11, D14, D15, D129, C401, C402, C403]

- D381.1 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, the operator shall 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.

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; and
- 3). Date and time visible emission was abated.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001**]

[Devices subject to this condition : D946]

E. Equipment Operation/Construction Requirements

- E73.6 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 535 degrees F.

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

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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

[Devices subject to this condition : C1679]

E166.1 The operator shall keep all openings from this equipment closed when in use except during absorbent change out. No detectable VOC emissions shall be released to the atmosphere from any opening or spent absorbent from this equipment as indicated by an instrument reading of less than 500 ppm measured in accordance with EPA reference method 21.

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

[Devices subject to this condition : D1212, D1213, D1214]

E193.2 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 : C401, C402, C403]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
H2S	District Rule	465
VOC	District Rule	465

[RULE 465, 8-13-1999]

[Devices subject to this condition : D1291, D1292, D1293, D1299]

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	40CFR60, SUBPART	QQQ

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000]

[Devices subject to this condition : D1469]

H23.16 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, 2-6-2009; 40CFR 60 Subpart GGG, 6-2-2008]

[Devices subject to this condition : D1327, D1328, D1339]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 2-6-2009]

[Devices subject to this condition : D872, D1310, D1312, D1317, D1318, D1323, D1325, D1331, D1340, D1346, D1677]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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

Contaminant	Rule	Rule/Subpart
SOX	District Rule	1118

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C401, C402, C403]

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	Ja

The operator shall comply with Rule 1118 as its elected means to comply with the requirements of Subpart Ja pursuant to the alternative compliance options in 40CFR 60.103a(g).

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

[Devices subject to this condition : C401, C402, C403]

H23.33 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	KKKK
SOX	40CFR60, SUBPART	KKKK

[40CFR 60 Subpart KKKK, 7-6-2006]

[Devices subject to this condition : D1669, D1672]

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	YYYY

[40CFR 63 Subpart YYYY, 4-20-2006]

[Devices subject to this condition : D1669]

H23.35 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	Ja
HAPs	40CFR63, SUBPART	DDDDD

[40CFR 60SubpartJa, 9-12-2012; 40CFR 63SubpartDDDDD, 5-20-2011]

[Devices subject to this condition : D1672]

I. Administrative

I297.1 This equipment shall not be operated unless the facility holds 44137 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D1669, D1672]

FACILITY PERMIT TO OPERATE ULTRAMAR INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

I297.2 This equipment shall not be operated unless the facility holds 15318 pounds of SO_x RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D1669, D1672]

K. Record Keeping/Reporting

K40.4 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 15 percent oxygen (dry basis), mass rate (lb/hr), and lb/MMSCF. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, fuel flow rate (CFH), the heating content of the fuel, the flue gas temperature, and the generator power output (MW) under which the test was conducted.

FACILITY PERMIT TO OPERATE ULTRAMAR INC

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; RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D1669, D1672]

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

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946]

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Refinery fuel gas and natural gas fuel use during the commissioning period.

Refinery fuel gas and natural gas fuel use after the commissioning period and prior to CEMS certification.

Refinery fuel gas and natural gas fuel use after CEMS certification.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D1669, D1672]