FACILITY PERMIT TO OPERATE

EXXONMOBIL OIL CORPORATION
3700 W 190TH ST
TORRANCE, CA 90504

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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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 1: CRUDE DISTILLATION UNIT					P13.1
System 1: CRUDE ATMOSPHERIC DISTILLATION					S13.2, S15.1, S15.2, S15.10
COLUMN, ATMOSPHERIC CRUDE DISTILLATION, 1C-1, CRUDE OIL, HEIGHT: 159 FT ; DIAMETER: 21 FT 6 IN A/N: 431770	D1				E336.12
COLUMN, STRIPPER, 1C-2A/B/C, 3 SECTIONS WITH A/N: 431770 COLUMN, STRIPPER, 1C-2A, NAPHTHA SECTION, TOP SECTION, IDLE, HEIGHT: 81 FT ; DIAMETER: 7 FT COLUMN, STRIPPER, 1C-2B, KEROSENE SECTION, MIDDLE SECTION, HEIGHT: 27 FT 6 IN; DIAMETER: 7 FT COLUMN, STRIPPER, 1C-2C, LIGHT GAS OIL SECTION, BOTTOM SECTION, HEIGHT: 29 FT ; DIAMETER: 7 FT	D2				
TANK, FLASH, 1C-7, CRUDE OIL, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N: 431770	D5				
VESSEL, RECEIVER, 1C-4, CRUDE COLUMN OVERHEAD, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N: 431770	D23				

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(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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Process 1: CRUDE DISTILLATION UNIT					P13.1
FILTER, 1J-19, WASH WATER, CRUDE COLUMN OVERHEAD (1C-4) ACCUMULATOR, VESSEL WITH STAINLESS STEEL RESTRAINER BASKET A/N: 431770	D2194				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 431770	D1788			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: CRUDE VACUUM DISTILLATION					S13.2, S15.1, S15.2
COLUMN, VACUUM DISTILLATION, 1C-3, HEIGHT: 54 FT ; DIAMETER: 42 FT A/N: 494241	D3				
VESSEL, 1C-19, VACUUM CONDENSATE RECEIVER, HEIGHT: 12 FT ; DIAMETER: 6 FT A/N: 494241	D6				
POT, BLOWNDOWN, 1C-8, HEIGHT: 6 FT ; DIAMETER: 2 FT 6 IN A/N: 494241	D35				
EJECTOR, 1H-9A/B, VACUUM TOWER OVERHEAD, 1ST STAGE, 2 TOTAL A/N: 494241	D2137				H23.11
EJECTOR, 1H-10, VACUUM TOWER OVERHEAD, 2ND STAGE A/N: 494241	D2138				H23.11
EJECTOR, 1H-11, VACUUM TOWER OVERHEAD, 3RD STAGE A/N: 494241	D2139				H23.11

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Process 1: CRUDE DISTILLATION UNIT					P13.1
EJECTOR, 1H-12, VACUUM TOWER OVERHEAD, 4TH STAGE A/N: 494241	D2140				H23.11
EJECTOR, 1H-13A/B, VACUUM TOWER OVERHEAD, 1ST STAGE, 2 TOTAL A/N: 494241	D2141				H23.11
EJECTOR, 1H-14, VACUUM TOWER OVERHEAD, 2ND STAGE A/N: 494241	D2142				H23.11
EJECTOR, 1H-15, VACUUM TOWER OVERHEAD, 3RD STAGE A/N: 494241	D2143				H23.11
EJECTOR, 1H-16, VACUUM TOWER OVERHEAD, 4TH STAGE A/N: 494241	D2144				H23.11
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 494241	D1937			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: DESALTER TAILWATER HANDLING					S13.9, S15.1
TANK, SEPARATOR, 72D-10, DESALTER EFFLUENT, HEIGHT: 24 FT ; DIAMETER: 24 FT A/N: 443874	D1250			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.9, H23.30, K171.9
TANK, SEPARATOR, 72D-11, DESALTER OIL, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 443874	D2145			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.9, H23.30, K171.9
DRAIN SYSTEM COMPONENT A/N: 443874	D2255			**HAP**: (10) [**40CFR 61 Subpart FF, #1, 12-4-2003; 40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.24

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Process 1: CRUDE DISTILLATION UNIT					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 443874	D2256			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: CRUDE UNIT FEED DESALTER					S13.2, S15.1, S31.4
TANK, SURGE, 1C-5, DESALTER WATER, HEIGHT: 17 FT 6 IN; DIAMETER: 7 FT A/N:	D4				
VESSEL, DESALTER, 1C-6A, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, HEIGHT: 86 FT ; DIAMETER: 12 FT A/N:	D21				
VESSEL, DESALTER, 1C-6B, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, HEIGHT: 86 FT ; DIAMETER: 12 FT A/N:	D22				
System 6: CRUDE HEATING SYSTEM					
HEATER, ATMOSPHERIC DISTILLATION COLUMN CHARGE, 1F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 457 MMBTU/HR WITH A/N: 442858 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 TOTAL; 457 MMBTU/HR	D913	C916	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**]	B61.3, D90.12, D328.1, E193.16, H23.13, K171.10

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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Process 1: CRUDE DISTILLATION UNIT					P13.1
HEATER, VACUUM DISTILLATION COLUMN CHARGE, 1F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 161 MMBTU/HR WITH A/N: 455166 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 40 TOTAL; 161 MMBTU/HR	D914	C916	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**]	B61.3, D90.12, D328.1, E193.16, H23.13
SELECTIVE CATALYTIC REDUCTION, WITH FIXED BED REACTOR AND HONEYCOMD TYPE CATALYST BED WITH A/N: 258222 AMMONIA INJECTION	C916	D913 D914 S1731		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.7
STACK, COMMON TO HEATERS 1F-1 & 1F-2 A/N: 455166	S1731	C916			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455166	D1789			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: FUEL GAS FILTER SEPARATORS					S13.2, S15.1
FILTER, SEPARATOR, 1J-2, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF THE REMOVED LIQUID, SERVES HEATER 1F-1 A/N: 422297	D2257				K171.11

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Process 1: CRUDE DISTILLATION UNIT					P13.1
FILTER, SEPARATOR, 1J-3, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF THE REMOVED LIQUID, SERVES HEATERS 1F-1&1F-2 A/N: 422297	D2258				K171.11
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422297	D2259			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 8: ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 1C-105, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 5.2 IN; LENGTH: 12 FT 11 IN WITH A/N: 468903 EVAPORATOR, 1E-36, AMMONIA, ELECTRIC HEATED	D2336				E71.12, K67.13
Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
System 1: NORTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 21C-1, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT A/N:	D57			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-2, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT A/N:	D58			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-3, COKE, HEIGHT: 61 FT ; DIAMETER: 17 FT A/N:	D59			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
DRUM, 21C-4, COKE, HEIGHT: 61 FT ; DIAMETER: 17 FT A/N:	D60			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-5, COKE, HEIGHT: 61 FT ; DIAMETER: 17 FT A/N:	D61			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-6, COKE, HEIGHT: 61 FT ; DIAMETER: 17 FT A/N:	D62			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
TOWER, BUBBLE, 21C-11, HEIGHT: 97 FT 3 IN; DIAMETER: 12 FT 6 IN A/N: 272466	D63				
VESSEL, STABILIZER, 21C-13, HEIGHT: 42 FT ; DIAMETER: 4 FT A/N: 272466	D64				
ACCUMULATOR, 21C-14, STABILIZER OVERHEAD REFLUX, LENGTH: 29 FT 8 IN; DIAMETER: 4 FT A/N: 272466	D65				
ACCUMULATOR, 21C-15, BUBBLE TOWER REFLUX, LENGTH: 39 FT 9 IN; DIAMETER: 8 FT A/N: 272466	D66				
TANK, FIXED ROOF, 21D-5, OILY SLUDGE, SKIMMING, WITH VAPOR RECOVERY SYSTEM, HEIGHT: 26 FT ; DIAMETER: 17 FT WITH A/N: 272466 FILTER, OILY SLUDGE FILTER, OILY SLUDGE	D68				

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
VESSEL, 21C-17, GLAND OIL A/N: 272466	D71			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 272466	D1790			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: SOUTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 22C-7, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT A/N: 305247	D86			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-8, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT A/N: 305247	D87			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-9, COKE, HEIGHT: 60 FT ; DIAMETER: 18 FT A/N:	D88			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-10, COKE, HEIGHT: 60 FT ; DIAMETER: 18 FT A/N:	D89			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-11, COKE, HEIGHT: 60 FT ; DIAMETER: 18 FT A/N:	D90			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-12, COKE, HEIGHT: 60 FT ; DIAMETER: 18 FT A/N:	D91			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
TOWER, BUBBLE, 22C-1, HEIGHT: 100 FT ; DIAMETER: 11 FT A/N: 305247	D92				
TOWER, STABILIZER, 22C-3, HEIGHT: 75 FT ; DIAMETER: 5 FT 6 IN A/N: 305247	D93				

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
ACCUMULATOR, 22C-5, STABILIZER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 3 FT 11 IN A/N: 305247	D94				
ACCUMULATOR, 22C-4, BUBBLE TOWER OVERHEAD, HEIGHT: 23 FT ; DIAMETER: 7 FT 6 IN A/N: 305247	D95				
VESSEL, 22C-6, COKE CONDENSATE, LENGTH: 9 FT ; DIAMETER: 4 FT A/N: 305247	D96				
VESSEL, 22C-17, CONDENSATE, LENGTH: 9 FT ; DIAMETER: 4 FT A/N: 305247	D97				
VESSEL, 22C-26, GLAND OIL, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 305247	D98			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	
VESSEL, COMPRESSOR GAS SEPARATOR, 22C-13, HEIGHT: 8 FT ; DIAMETER: 4 FT A/N: 305247	D116				
COMPRESSOR, 22K-1, COKER GAS, WITH 3500 H.P. MOTOR A/N: 305247	D119				H23.34
SCRUBBER, WATER-WASH, 22C-35, COKER GAS, HEIGHT: 36 FT ; DIAMETER: 6 FT A/N: 305247	D121				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 305247	D1791			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: COKE HANDLING SYSTEM					S1.4, S13.1

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
CONVEYOR, FEED, 22J-23, ENCLOSED, LENGTH: 43 FT 6 IN, WIDTH: 44 IN,125 HP A/N: 478145	D129			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.3, D323.1
TANK, HOLDING, 21D-10, DECOKING JET WATER, 90000 GALS; DIAMETER: 30 FT ; HEIGHT: 28 FT 10 IN A/N: 478145	D2384			**PM**: (9) [**RULE 405, 2-7-1986**]	D323.1
BIN, COKE DEWATERING, 22R-710, 4 CELLS WITH HOPPER, EACH CELL, WIDTH: 40 FT ; HEIGHT: 35 FT ; LENGTH: 40 FT WITH A/N: 478145 SUMP, EAST, LENGTH: 40 FT, WIDTH: 40 FT, DEPTH: 20 FT	D2385			**PM**: (9) [**RULE 405, 2-7-1986**]	D323.1
SETTLING TANK, BASIN, LAKE, STORM/COKE/WATER, LENGTH: 40 FT, DEPTH 35 FT EACH A/N: 478145	D2386			**PM**: (9) [**RULE 405, 2-7-1986**]	D323.1
CLARIFIER, SETTLING/SEPARATION, 22R-712, COKE FINES/WATER, 2 CELLS, LENGTH: 124 FT, WIDTH: 40FT, DEPTH: 35 FT EACH A/N: 478145	D2388			**PM**: (9) [**RULE 405, 2-7-1986**]	D323.1
LOADING ARM, GANTRY CRANE (SPARE), 22J-25 BULK MATERIAL LOAD/UNLOAD STATION, 22J-25, WITH MAIN DRIVE/TROLLEY, 300 HP, AND BRIDE DRIVE, 50 HP A/N: 478145	D2389			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.3, D323.1

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(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
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
CONVEYOR, MAIN, 22J-24, WIND SCREEN, LENGTH: 943 FT 4 IN ,WIDTH: 30 IN, 40 HP DRIVE A/N: 478145	D130			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.3, D323.1
LOADING ARM, KRANCO CRANE SYSTEM 22J-29, BULK MATERIAL LOADING/UNLOADING STATION, WITH MAIN DRIVE/TROLLEY, 300 HP, AND BRIDE DRIVE, 50 HP A/N: 478145	D919			**PM**: (9) [**RULE 405, 2-7-1986**]	A63.3, D323.1
System 4: NORTH DELAYED COKER BLOWDOWN FACILITY					S13.2, S15.1, S15.2
KNOCK OUT POT, 21C-20, HEIGHT: 30 FT 5 IN; DIAMETER: 16 FT A/N: C10330	D137				
ACCUMULATOR, 21C-50, CONDENSATE, HEIGHT: 40 FT ; DIAMETER: 10 FT A/N: C10330	D138				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: C10330	D1792			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: SOUTH DELAYED COKER BLOWDOWN FACILITY					S13.2, S15.1, S15.2
ACCUMULATOR, 22C33, CONDENSATE, LENGTH: 40 FT 3 IN; DIAMETER: 10 FT A/N: 241337	D141				
DRUM, 22C36, LENGTH: 12 FT ; DIAMETER: 4 FT A/N: 241337	D142				

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(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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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
ACCUMULATOR, LOW PRESSURE, 53C-4, LENGTH: 20 FT ; DIAMETER: 7 FT A/N: 241337	D143				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 241337	D1793			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: COKER HEATERS					
HEATER, 21F-6, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 1, WITH LOW NOX BURNER, 67 MMBTU/HR WITH A/N: 455091 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGE FUEL GAS, WITH LOW NOX BURNER, 48 TOTAL	D83		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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 21F-7, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 2, WITH LOW NOX BURNER, 67 MMBTU/HR WITH A/N: 455092 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGED FUEL GAS, WITH LOW NOX BURNER, 48 TOTAL	D84		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**]	B61.3, D90.12, D328.1, E193.16, H23.13

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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
HEATER, 21F-8, NATURAL GAS, REFINERY GAS, NORTH COKER NO. 3, WITH LOW NOX BURNER, 74 MMBTU/HR WITH A/N: 455094 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL STAGED FUEL GAS, PSFFG-10, WITH LOW NOX BURNER, 48 TOTAL	D85		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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, SOUTH COKER HEATER NO. 1, 22F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 126 MMBTU/HR WITH A/N: 455098 BURNER, NATURAL GAS, REFINERY GAS, CALLIDUS, MODEL LE-CFSG-5W, WITH 48 VERTICAL ULTRA LO-NOX BURNERS, 48 TOTAL; 126 MMBTU/HR	D120		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**]	B61.3, D90.12, D328.1, E193.16, H23.13

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(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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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
HEATER, SOUTH COKER NO. 2, 22F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 91 MMBTU/HR WITH A/N: 455102 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFFG-30M, WITH LOW NOX BURNER, 32 TOTAL; 91 MMBTU/HR	D917		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**]	B61.3, C1.4, D12.3, D90.12, D328.1, E193.16, H23.13
HEATER, SOUTH COKER NO. 3, 22F-3, NATURAL GAS, REFINERY GAS, 91 MMBTU/HR WITH A/N: 455103 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 32 TOTAL; 91 MMBTU/HR	D918		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**]	B61.3, D90.12, D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455103	D2366			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: EAST COKE HANDLING SYSTEM					S1.5, S13.1
STORAGE BUILDING, COKE, WIDTH: 130 FT; HEIGHT: 99 FT 3 IN; LENGTH: 610 FT A/N: 451321	D2291				A63.3, D323.1
PIT, COKE, 22R-710, LENGTH: 185 FT; WIDTH: 40 FT A/N: 451321	D2292				A63.3, D323.1

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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(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 2: COKING AND RESIDUAL CONDITIONING					P13.1
CRUSHER, BMC, LUMP BREAKER NO.1, COVERED, DOUBLE ROTOR, WIDTH: 54 FT; LENGTH: 48 FT, WITH TWO 50 HP MOTORS A/N: 451321	D2293				A63.3, C1.68, D323.1
CONVEYOR, BELT, LC-1, WIDTH: 3 FT 6 IN; LENGTH: 48 FT, WITH A 7.5 HP MOTOR A/N: 451321	D2294				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 1A & B, WIDTH: 3 FT; LENGTH: 375 FT, WITH A 60 HP MOTOR EACH A/N: 451321	D2295				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 2A & B, WIDTH: 3 FT; LENGTH: 100 FT, WITH A 25 HP MOTOR EACH A/N: 451321	D2296				A63.3, D323.1
CONVEYOR, BELT, TWO EACH, 3A & B, WIDTH 3 FT; LENGTH: 250 FT, WITH A 10 HP MOTOR EACH, AND 5 HP SHUTTLE DRIVE EACH A/N: 451321	D2297				A63.3, D323.1
SCREEN, CLASSIFYING, VIBRATING, TWO EACH, S1 & S2, FMC CH2820, WIDTH: 8 FT; LENGTH: 20 FT, WITH A 25 HP MOTOR EACH A/N: 451321	D2298				A63.3, D323.1
BUCKET ELEVATOR, CRANE, BUCKET BRIDGE, 22J-25 A/N: 451321	D2331				A63.3, D323.1
CONVEYOR, MAIN, 2E, 20 HP A/N: 451321	D2332				A63.3, D323.1
System 8: COKE RECLAIM & TRUCK LOADING SYSTEM					S13.1

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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
HOPPER, LOADING, TWO EACH, 1A & B, 2400 CU.FT CAPACITY, WITH A 60 TON SURGE BIN EACH A/N: 452488	D2299				A63.3, D323.1
HOPPER, LOADING, TWO EACH, 2A & B, 600 CU.FT CAPACITY, WITH A 15 TON SURGE BIN EACH A/N: 452488	D2300				A63.3, D323.1
CONVEYOR, BELT, RECLAIM, NO.4, WIDTH: 4 FT 6 IN; LENGTH: 610 FT, WITH 75 HP A/N: 452488	D2301				A63.3, D323.1
CONVEYOR, BELT, NO.5, WIDTH: 4 FT 6 IN; LENGTH: 210 FT, WITH 150 HP MOTOR A/N: 452488	D2302				A63.3, D323.1
CONVEYOR, BELT, NO.6, WIDTH: 4 FT 6 IN; LENGTH: 190 FT, WITH 150 HP MOTOR A/N: 452488	D2303				A63.3, D323.1
HOPPER, LOADING, WIDTH: 9 FT; LENGTH: 15 FT 3 IN; HEIGHT: 10 FT A/N: 452488	D2333				A63.3, D323.1
CONVEYOR, BC-1, WIDTH: 4 FT 6 IN; LENGTH: 47 FT 10 IN, WITH 60 HP MOTOR A/N: 452488	D2334				A63.3, D323.1
CONVEYOR, BC-2, WIDTH: 4 FT 6 IN; LENGTH: 54 FT, WITH A 60 HP MOTOR A/N: 452488	D2335				A63.3, D323.1
System 9: FUEL GAS FILTER SEPARATORS					S13.2, S15.15, S31.5

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(5) (5A) (5B) Denotes command and control emission limit
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Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
FILTER, SEPARATOR, 21J-22, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL, FOR STORAGE OF THE REMOVED LIQUID, SERVES 3 HEATERS (21F-6, 21F-7 & 21F-8) A/N: 422369	D2413				
FILTER, SEPARATOR, 22J-28, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL, FOR STORAGE OF THE REMOVED LIQUID, SERVES 3 HEATERS (22F-1, 22F-2 & 22F-3) A/N: 422369	D2414				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422369	D2415			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 1: FCCU, Cracking System					S4.1, S13.2, S15.1, S42.2
VESSEL, SURGE, 2C-17, HOT FRESH FEED, LENGTH: 25 FT ; DIAMETER: 10 FT A/N: 445076	D155				E336.9
VESSEL, 2C-18, SURGE, COLD FRESH FEED, LENGTH: 25 FT ; DIAMETER: 10 FT A/N: 445076	D156				E336.9

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(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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Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
REACTOR, 2C-4, WITH INTERNAL REACTOR RISER & 1ST & 2ND STAGE CATALYST SEPARATORS, HEIGHT: 44 FT ; DIAMETER: 23 FT 6 IN WITH A/N: 445076 COLUMN, STRIPPER, 2C-5, HC VAPOR/SPENT CATALYST, HEIGHT: 25 FT 6 IN; DIAMETER: 12 FT 6 IN	D1589				
REGENERATOR, 2C-3, HEIGHT: 45 FT ; DIAMETER: 37 FT 2 IN A/N:	D151	C164 C165 C166 C1590 C2314	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 500 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #2, 4-20-2006**]; **PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 1 LB(S)/1000 LBS (8) [**40CFR 60 Subpart J, 6-24-2008**]	A63.4, D29.3, D82.2, D90.4, H23.17
BLOWER, 2K-1, REGENERATOR AIR, ALLIS CHALMERS, MODEL VA-1310, 220,000 SCFM A/N: 445076	D1636				
TURBINE, EXPANDER, UNFIRED, 2K-1E, REGENERATOR FLUE GAS, 28,950 HP WITH A/N: 445076 GENERATOR, ELECTRIC, 2K-1M, COMMON TO STEAM TURBINE 2K-1T, 7500 KW	D2305				

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Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
TURBINE, STEAM, UNFIRED, 2K-1T, REGENERATOR FLUE GAS, 13,000 HP WITH A/N: 445076 GENERATOR, ELECTRIC, 2K-1M, COMMON TO EXPANDER/TURBINE 2K-1E, 7500 KW	D2307				
BOILER, WASTE HEAT, UNFIRED, 2F-7 A/N: 445076	D1511				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-101, JOY 1, CENTRIFUGAL, 800 HP A/N: 445076	D2309				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-102, JOY 2, CENTRIFUGAL, 1,000 HP A/N: 445076	D2310				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-103, JOY 3, CENTRIFUGAL, 575 HP A/N: 445076	D2311				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-104, JOY 4, CENTRIFUGAL, 1,250 HP A/N: 445076	D2312				
COMPRESSOR, PROCESS AIR/PURGE GAS, 75K-105/106, JOY 5 & 6, CENTRIFUGAL, 2 TOTAL, 1,500 HP EACH A/N: 445076	D2313				

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Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
STACK, 2F-7, WITH 2 EMERGENCY BYPASS STACKS (2F-3 EAST & WEST), LOCATED DOWNSTREAM OF ESP & UPSTREAM OF SCR, HEIGHT: 89 FT ; DIAMETER: 11 FT 4 IN A/N:	S1739	C166			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 445076	D1800			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: FCCU AIR POLLUTION CONTROL SYSTEM					
CYCLONE, 2C-25, 3RD STAGE SEPARATOR, CATALYST DUST, HEIGHT: 57 FT ; DIAMETER: 26 FT A/N: 512800	C1590	D151 D2404			
CYCLONE, 2C-26-CY, 4TH STAGE SEPARATOR, CATALYST DUST, HEIGHT: 3 FT 3 IN; DIAMETER: 1 FT 9 IN WITH A/N: 512800 HOPPER, 2C-26, CATALYST DUST, DIA: 8 FT, H: 12 FT	C2314	D151			D323.1, E102.2, K67.16

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(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
EXXONMOBIL OIL CORPORATION

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: Fluid Catalytic Cracking Unit (FCCU)					P13.1
BOILER, 2F-3, CARBON MONOXIDE WASTE HEAT, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 464 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, REFINERY GAS, PEABODY, MODEL MT-28, FOUR LO-NOX, WITH LOW NOX BURNER, 464 MMBTU/HR UREA INJECTION SYSTEM, NOXOUT PROCESS	C164	D151 C165 C166	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **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**]	B61.3, D82.2, D90.12, E193.16, H23.13
ELECTROSTATIC PRECIPITATOR, 2D-1, TWO STAGE, 42 FT L. X 60 FT - 5.5 IN W. X 49 FT - 4 IN H., 300 KVA WITH A/N: AMMONIA INJECTION	C166	D151 C164 S1739			C12.1, E102.2
ELECTROSTATIC PRECIPITATOR, 2D-2, TWO STAGE, 18 FT L. X 37 FT - 6 IN W. X 30 FT H., 140 KVA WITH A/N: AMMONIA INJECTION	C165	D151 C164			C12.1, E102.2
System 3: CATALYST/SPENT CATALYST HANDLING 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
(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
EXXONMOBIL OIL CORPORATION

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: Fluid Catalytic Cracking Unit (FCCU)					P13.1
STORAGE SILO, 2C-1, FRESH CATALYST (BASE), GRACE DAVISON, SINOPEC RIPP ZDOS-T, GRACE DAVISON GENESIS-2634, GRACE DAVISON ALCYON-U411, HEIGHT: 37 FT 6 IN; DIAMETER: 15 FT A/N: 510469	D167	C2317		**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	B27.2, D323.1, E71.11
STORAGE SILO, 2C-XADDITIVES, FRESH CATALYST (ADDITIVES), GRACE DAVISON ZSM5, WIDTH: 5 FT ; HEIGHT: 8 FT ; LENGTH: 5 FT A/N: 409307	D2316	C2317		**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.1, E71.11, K171.14
STORAGE SILO, 2C-2, SPENT CATALYST, HEIGHT: 57 FT ; DIAMETER: 23 FT A/N: 459720	D168	C2317		**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	D323.1, E71.11
SUMP, HOT WELL, WATER SCRUBBER, 02R-700, CATALYST DUST, COVERED, WIDTH: 6 FT ; DEPTH: 6 FT ; LENGTH: 6 FT WITH A/N: 458741 EJECTOR, 2H-1, STEAM, SERVES SILOS 2C-1 & 2C-2 EJECTOR, 2J-XADDITIVES, STEAM, SERVES SILO 2C-XADDITIVES	C2317	D167 D168 D2316			D323.1, K171.14
System 4: FCCU 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
EXXONMOBIL OIL CORPORATION

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: Fluid Catalytic Cracking Unit (FCCU)					P13.1
HEATER, 2F-1, REGENERATOR STARTUP/AIR HEATER, NATURAL GAS, REFINERY GAS, 132 MMBTU/HR A/N: 431576	D2320		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**]	
HEATER, FCCU CHARGE OR FRACTIONATION COLUMN CHARGE, 2F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 108 MMBTU/HR WITH A/N: 455106 BURNER, NATURAL GAS, REFINERY GAS, EIGHT ULTRA, WITH LOW NOX BURNER, 108 MMBTU/HR	D920		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**]	B61.3, C1.1, D90.12, D328.1, E193.16, H23.13, K171.15
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455106	D2367			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: FCCU, Fractionation System					S4.1, S13.2, S15.1, S15.2, S15.11
FRACTIONATOR, MAIN COLUMN, 2C-6, HEIGHT: 108 FT ; DIAMETER: 21 FT A/N: 449657	D152				
VESSEL, RECEIVER, MAIN COLUMN OVERHEAD, 2C-7, LENGTH: 33 FT ; DIAMETER: 11 FT A/N: 449657	D153				

* (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
EXXONMOBIL OIL CORPORATION

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: Fluid Catalytic Cracking Unit (FCCU)					P13.1
COLUMN, STRIPPER, 2C-8, LIGHT CYCLE OIL, LENGTH: 21 FT ; DIAMETER: 6 FT 6 IN A/N: 449657	D154				
KNOCK OUT POT, 2C-22, MAIN COLUMN BOTTOMS, PARTICLES/FINES KNOCKOUT, HEIGHT: 3 FT 5 IN; DIAMETER: 1 FT 4 IN A/N: 449657	D2321				K171.16
SETTLING TANK, 2C-9, SLURRY, HEIGHT: 24 FT ; DIAMETER: 12 FT A/N: 449657	D163				
ACCUMULATOR, 2C-11, HIGH PRESSURE HYDRAULIC, HEIGHT: 10 FT 6 IN; DIAMETER: 4 FT A/N: 449657	D2322				
VESSEL, 2C-12, HYDRAULIC SYSTEM RECEIVER, HEIGHT: 10 FT 6 IN; DIAMETER: 4 FT A/N: 449657	D2323				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 449657	D1740			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: NH3 (Liquefied Anhydrous) Storage & Vaporization					
STORAGE TANK, PRESSURIZED, 75C-118, ANHYDROUS AMMONIA, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT 3 IN WITH A/N: 458746 EVAPORATOR, AMMONIA, 75E-124A, ELECTRIC HEATED	D2324				K67.13

* (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
EXXONMOBIL OIL CORPORATION

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: Fluid Catalytic Cracking Unit (FCCU)					P13.1
STORAGE TANK, PRESSURIZED, 75C-35, ANHYDROUS AMMONIA, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT 3 IN WITH A/N: 459719 EVAPORATOR, AMMONIA, 75E-124B, ELECTRIC HEATED	D2325				K67.13
System 7: Fuel Gas Filter Separator					S13.2, S15.1
FILTER, SEPARATOR, 2J-6, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF REMOVED LIQUID, SERVES HEATER 2F-2 A/N: 428465	D2328				K171.17
FILTER, SEPARATOR, 2J-7, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL FOR STORAGE OF REMOVED LIQUID, SERVES CO BOILER 2F-3 A/N: 428465	D2329				K171.17
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 428465	D2330			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 4: HYDROTREATING PROCESS					P13.1
System 1: FCCU FEED (GAS OIL) HYDRODESULFURIZATION UNIT					S4.1, S13.2, S15.1, S15.2, S15.9, S31.2
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1A A/N:	D169				

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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1B A/N:	D170				
TURBINE, RICH DEA POWER RECOVERY, UNFIRED, 25J-02, SERVING 25G-5A A/N:	D171				
ABSORBER, HIGH PRESSURE AMINE, 25C-10, HEIGHT: 77 FT 6 IN; DIAMETER: 8 FT A/N:	D172				
COLUMN, STRIPPER, PRODUCT, 25C-11, HEIGHT: 66 FT ; DIAMETER: 13 FT A/N:	D173				
ABSORBER, LOW PRESSURE AMINE, 25C-13, HEIGHT: 57 FT ; DIAMETER: 3 FT A/N:	D174				
FRACTIONATOR, 25C-15, HEIGHT: 116 FT ; DIAMETER: 14 FT 6 IN A/N:	D175				
COLUMN, STRIPPER/DRYER, 25C-17, KEROSENE, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N:	D176	D232 D234		**HAP**: (10) [**40CFR 63 Subpart CC, #1, 6-23-2003**]	E336.13
COLUMN, STRIPPER, 25C-18, LIGHT GAS OIL, HEIGHT: 35 FT ; DIAMETER: 5 FT 6 IN A/N:	D177				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
VESSEL, VACUUM DRYER, 25C-27, LIGHT GAS OIL, HEIGHT: 32 FT ; DIAMETER: 5 FT A/N:	D178	D232 D234		**HAP**: (10) [**40CFR 63 Subpart CC, #1, 6-23-2003**]	E336.13
TANK, SURGE, 25C-04, COLD FEED A/N:	D188				
VESSEL, SURGE, 25C-05, HOT FEED A/N:	D189				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7A A/N:	D190				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7B A/N:	D191				
VESSEL, SEPARATOR, LOW TEMPERATURE, 25C-8, LENGTH: 38 FT ; DIAMETER: 11 FT A/N:	D192				
KNOCK OUT POT, 25C-9, RECYCLE GAS, LENGTH: 14 FT ; DIAMETER: 7 FT A/N:	D193				
ACCUMULATOR, 25C-12, STRIPPER OVERHEAD, LENGTH: 27 FT ; DIAMETER: 6 FT 6 IN A/N:	D194				
ACCUMULATOR, 25V-16, FRACTIONATOR OVERHEAD, LENGTH: 25 FT ; DIAMETER: 8 FT A/N:	D196				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
TANK, SURGE, 25C-19, CONDENSATE, HEIGHT: 14 FT ; DIAMETER: 4 FT A/N:	D197				
TANK, SURGE, 25C-20, DEA, HEIGHT: 22 FT ; DIAMETER: 6 FT A/N:	D198				
VESSEL, 25C-24, DIMETHYLDISULFIDE, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N:	D200				
KNOCK OUT POT, 25C-26, OFFGAS, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT A/N:	D201				
KNOCK OUT POT, VACUUM, 25C-28, LENGTH: 11 FT ; DIAMETER: 2 FT A/N:	D202				
KNOCK OUT POT, 25C-50, FUME GAS A/N:	D206				
COMPRESSOR, 25K-1A/1B/1C, MAKEUP HYDROGEN, 6000-HP EACH, 3 TOTAL A/N:	D221				
COMPRESSOR, 25K-2, RECYCLE HYDROGEN A/N:	D224				
COMPRESSOR, 25K-3A/3B, STRIPPER OFFGAS, 300-HP EACH, 2 TOTAL A/N:	D225				

* (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
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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 4: HYDROTREATING PROCESS					P13.1
REACTOR, HYDROTREATER GUARD, 25C-40A, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N:	D227				
REACTOR, HYDROTREATER GUARD, 25C-40B, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N:	D228				
REACTOR, HYDROTREATER MAIN, 25C-41A, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N:	D229				
REACTOR, HYDROTREATER MAIN, 25C-41B, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N:	D230				
VESSEL, SEPARATOR, 25-C-08, LOW-TEMPERATURE, HEIGHT: 38 FT ; DIAMETER: 10 FT 1 IN A/N:	D1256				
FILTER, 25-J-06 A/B, FUEL GAS, 2 TOTAL A/N:	D1260				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1803			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: FCCU FEED HYDRODESULFURIZATION UNIT HEATING SYSTEM					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes 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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
HEATER, FRACTIONATOR CHARGE, 25F-2A, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455113 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D231	C233	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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, FCC FEED HDT REACTOR CHARGE, 25F-1A, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455109 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D232	D176 D178 C233	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**]	B61.3, D90.12, D328.1, E193.16, H23.13
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH HITACHI ZOSEN HONEYCOMB TYPE CATALYST WITH A/N: 410333 AMMONIA INJECTION	C233	D231 D232 S1010		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.9, K67.11

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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: HYDROTREATING PROCESS					P13.1
HEATER, FCC FEED HDT REACTOR CHARGE, 25F-1B, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455111 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG-14, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D234	D176 D178 C236	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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 25F-2B, NATURAL GAS, REFINERY GAS, FRACTIONATOR CHARGE, WITH LOW NOX BURNER, 60 MMBTU/HR WITH A/N: 455116 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFG, WITH LOW NOX BURNER, 8 TOTAL; 60 MMBTU/HR	D235	C236	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**]	B61.3, D90.12, D328.1, E193.16, H23.13
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH HALDOR TOPSOE HONEYCOMB TYPE CATALYST WITH A/N: 386583 AMMONIA INJECTION	C236	D234 D235 S1010		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.9, H23.30
STACK, COMMON TO 4 HEATERS 25F-1A/2A & 1B/2B A/N: 386583	S1010	C233 C236			

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455113	D1805			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: REFORMER FEED (NAPHTHA) HYDROTREATER					S13.2, S15.1, S15.2, S15.12, S31.2
COLUMN, STRIPPER, 20C-1, HEIGHT: 108 FT 7 IN; DIAMETER: 7 FT 6 IN A/N:	D302				
COLUMN, DEHEXANIZER, 20C-3, HEIGHT: 85 FT 6 IN; DIAMETER: 11 FT A/N:	D303				
ACCUMULATOR, 20C-11, STABILIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 7 FT 6 IN A/N:	D304				
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-2, LENGTH: 27 FT ; DIAMETER: 6 FT A/N:	D305				
VESSEL, SEPARATOR, LOW PRESSURE, 20C-18, LENGTH: 24 FT ; DIAMETER: 6 FT A/N:	D306				
KNOCK OUT POT, 20C-30, LIQUID, LENGTH: 9 FT ; DIAMETER: 5 FT 6 IN A/N:	D307				
ACCUMULATOR, 20C-31, STRIPPER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 5 FT A/N:	D308				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
TANK, 20C-36, STRAIGHT RUN NAPHTHA CHARGE, LENGTH: 20 FT ; DIAMETER: 7 FT A/N:	D309				
REACTOR, NO. 4, PRE-TREATER, 20C-26, HEIGHT: 29 FT ; DIAMETER: 6 FT A/N:	D312				
REACTOR, NO. 5, PRE-TREATER, 20C-27, HEIGHT: 25 FT ; DIAMETER: 6 FT A/N:	D313				
REACTOR, NO. 6, PRE-TREATER, 20C-28, DIAMETER: 14 FT A/N:	D314				
TANK, SURGE, 20C-63, NAPHTHA, HEIGHT: 21 FT ; DIAMETER: 7 FT 6 IN A/N:	D1202				E204.1, E204.3
POT, REBOILER CONDENSATE POT, 20C-112, HEIGHT: 3 FT ; DIAMETER: 2 FT 2 IN A/N: 280600	D1204				E204.1, E204.3
COMPRESSOR, 20K-3A, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP A/N:	D329				
COMPRESSOR, 20K-3B, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP A/N:	D330				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COMPRESSOR, 20K-3C, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 400-HP A/N:	D331				
COMPRESSOR, 20K-3D, RECYCLE GAS, 400-HP A/N:	D1244				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1810			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: REFORMER FEED HYDROTREATER HEATING SYSTEM					
HEATER, PRETREATER REACTOR CHARGE SECTION & STRIPPER REBOILER SECTION, 20F-1A/B, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 94 MMBTU/HR WITH A/N: 225033 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PSFC-18M, 12 TOTAL; 94 MMBTU/HR	D269		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 225033	D2368			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: PRODUCT (Jet Fuel/Diesel/Other) HYDRODESULFURIZATION UNIT					S13.2, S15.1, S15.2, S15.10
TANK, HOLDING, 6C-1, FEED SURGE, LENGTH: 30 FT ; DIAMETER: 12 FT A/N:	D557				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COLUMN, FEED STRIPPER, 6C-2, HEIGHT: 50 FT 3 IN; DIAMETER: 8 FT A/N:	D558				
ABSORBER, AMINE, 6C-3, HEIGHT: 69 FT ; DIAMETER: 4 FT A/N:	D559				
VESSEL, RECYCLE COMPRESSOR SUCTION, 6C-4, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N:	D560				
REACTOR, 6C-5, HEIGHT: 32 FT 9 IN; DIAMETER: 11 FT A/N:	D561				
TANK, FLASH, 6C-6, COLD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N:	D562				
VESSEL, FLASH, 6C-7, HOT, HEIGHT: 16 FT ; DIAMETER: 6 FT A/N:	D563				
COLUMN, PRODUCT STRIPPER, 6C-8, HEIGHT: 72 FT 2 IN; DIAMETER: 11 FT 6 IN A/N:	D564				
ACCUMULATOR, 6C-9, PRODUCT STRIPPER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 5 FT A/N:	D565				
VESSEL, FLASH, 6C-11, FOUL WATER, HEIGHT: 6 FT ; DIAMETER: 2 FT 6 IN A/N:	D567				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
VESSEL, BOOSTER COMPRESSOR SUCTION, 6C-12, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N:	D568				
VESSEL, LOW PRESSURE GAS COMPRESSOR 2ND INTERSTAGE, 6C-13, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 335050	D569				
VESSEL, LOW PRESSURE GAS COMPRESSOR 1ST INTERSTAGE, 6C-14, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N:	D570				
TOWER, 6C-25/26/27, CLAY TREATER, 3 TOTAL, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N:	D571				
COMPRESSOR, RECYCLE, 6K-1, RECIPROCATING TYPE WITH PACKED GLAND, 400 HP MOTOR A/N:	D572				
COMPRESSOR, 6K-2, LOW PRESSURE GAS, RECIPROCATING TYPE WITH PACKED GLAND, 600 HP MOTOR A/N:	D574				H23.34
COMPRESSOR, BOOSTER, 6K-3A, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR A/N:	D575				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COMPRESSOR, 6K-3B, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR, SPARE A/N:	D576				
FILTER, 6J-14A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N:	D1741				
FILTER, 6J-15A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N:	D1742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1834			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: PRODUCT HYDRODESULFURIZATION UNIT HEATING SYSTEM					
HEATER, CHD REACTOR CHARGE, 6F-1, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PFNDR-30M, WITH LOW NOX BURNER, 39.6 MMBTU/HR WITH A/N: 455118 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL PFNDR-30M, TWELVE, WITH LOW NOX BURNER, 12 TOTAL; 39.6 MMBTU/HR	D949		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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, H23.13

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
HEATER, CHD STRIPPER REBOILER, 6F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 64 MMBTU/HR WITH A/N: 455120 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 16 TOTAL	D950		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**]	B61.3, C1.5, D90.12, D328.1, E193.16, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455120	D2369			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 25C-23A, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 4 FT 8 IN A/N: 468904	D2339				E71.12, K67.13
STORAGE TANK, PRESSURIZED, 25C-23B, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 4 FT 8 IN A/N: 468905	D2340				E71.12, K67.13
Process 5: CATALYTIC REFORMING UNIT					P13.1
System 1: PLATINUM REFORMER NO. 1					S4.1, S13.2, S15.1, S15.2, S15.13

* (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
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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 5: CATALYTIC REFORMING UNIT					P13.1
COLUMN, STABILIZER, 20C-4, HEIGHT: 114 FT ; DIAMETER: 7 FT A/N: 392990	D237				
ACCUMULATOR, 20C-5, STABILIZER OVERHEAD, HEIGHT: 15 FT ; DIAMETER: 6 FT A/N: 392990	D238				
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-10, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 392990	D239				
VESSEL, SEPARATOR, LOW PRESSURE, 20C-15, HEIGHT: 20 FT ; DIAMETER: 6 FT 6 IN A/N: 392990	D240				
REACTOR, NO.1, 20C-23, DIAMETER: 14 FT 2 IN A/N: 392990	D241			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, NO.2, 20C-24, DIAMETER: 14 FT 2 IN A/N: 392990	D242			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, NO. 3, 20C-25, DIAMETER: 14 FT 2 IN A/N: 392990	D243			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, NO. 7, 20C-29, DIAMETER: 14 FT 2 IN A/N: 392990	D244			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
POT, 20C-33, AUXILIARY SEAL OIL, HEIGHT: 11 FT 3 IN; DIAMETER: 4 FT A/N: 280600	D245				

* (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
EXXONMOBIL OIL CORPORATION

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 5: CATALYTIC REFORMING UNIT					P13.1
POT, 20C-34, CONTAMINATED SEAL OIL, HEIGHT: 3 FT ; DIAMETER: 1 FT 8 IN A/N: 392990	D246				
POT, 20C-35, CONTAMINATED SEAL OIL, HEIGHT: 3 FT ; DIAMETER: 1 FT 8 IN A/N: 392990	D247				
COMPRESSOR, 20K-1, RECYCLE GAS, WITH OIL SEAL, STEAM TURBINE DRIVE A/N: 392990	D248				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392990	D1808			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: PLATINUM REFORMER NO. 2					S4.1, S13.2, S15.1, S15.2, S15.13
REACTOR, STAGE 1, 19C-1, DIAMETER: 12 FT A/N: 410629	D271			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, STAGE 2, 19C-2, DIAMETER: 12 FT A/N: 410629	D272			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, STAGE 3, 19C-3, DIAMETER: 15 FT A/N: 410629	D273			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	
REACTOR, STAGE 4, 19C-4, DIAMETER: 15 FT A/N: 410629	D274			**HAP**: (10) [**40CFR 63 Subpart UUU, #1, 4-20-2006**]	

* (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
EXXONMOBIL OIL CORPORATION

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 5: CATALYTIC REFORMING UNIT					P13.1
TANK, REFORMER FEED SURGE, 19C-5, HEIGHT: 30 FT ; DIAMETER: 10 FT A/N: 410629	D275				
VESSEL, SEPARATOR, HIGH PRESSURE, 19C-6, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 410629	D276				
ACCUMULATOR, 19C-7, DEBUTANIZER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 410629	D277				
COLUMN, DEBUTANIZER, 19C-11, HEIGHT: 81 FT ; DIAMETER: 7 FT A/N: 410629	D278				
COMPRESSOR, 19K-1, HYDROGEN RECYCLE GAS, ELLIOTT, MODEL 2MB4-3, CENTRIFUGAL TYPE, 350 HP STEAM TURBINE DRIVEN A/N: 410629	D300				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410629	D1809			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: PLATFORMER NO. 1 HEATING SYSTEM					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes 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
EXXONMOBIL OIL CORPORATION

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 5: CATALYTIC REFORMING UNIT					P13.1
HEATER, NO. 1 REFORMER REACTOR CHARGE, NON-OPERATED, 20F-2, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 220 MMBTU/HR WITH A/N: 372270 BURNER, NATURAL GAS, REFINERY GAS, MODEL JOHN ZINK, WITH LOW NOX BURNER, 50 TOTAL; 220 MMBTU/HR	D922	C923	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D328.1, E193.16, E313.1, E315.1, H23.13
SELECTIVE CATALYTIC REDUCTION, FOSTER WHEELER, FIXED BED,, CERAMIC HONEYCOMB CATALYST, 169.8 CU.FT.; WIDTH: 8 FT 6 IN; HEIGHT: 14 FT ; LENGTH: 15 FT 2 IN A/N: 258217	C923	D922		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.12, E71.7
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 372270	D2370			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: PLATFORMER NO. 2 HEATING SYSTEM					
HEATER, PLATINUM REFORMER NO. 2 REACTOR CHARGE, 19F-1, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 288 MMBTU/HR WITH A/N: 278853 BURNER, FIFTY-TWO LO-NOX, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 50 TOTAL; 288 MMBTU/HR	D924	C301	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	D328.1, E193.16, H23.13

* (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
EXXONMOBIL OIL CORPORATION

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 5: CATALYTIC REFORMING UNIT					P13.1
SELECTIVE CATALYTIC REDUCTION, FOSTER WHEELER, FIXED BED, LENGTH 15 FT 6 IN, WIDTH 15 FT 2 IN, HEIGHT 14 FT, CERAMIC HONEYCOMB CATALYST, 266.6 CU FT A/N: 258220	C301	D924		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.7
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 278853	D2371			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: NH3 (LIQUID ANHYDROUS) STORAGE AND VAPORIZATION					
STORAGE TANK, PRESSURIZED, 20C-120, ANHYDROUS AMMONIA, WITH PRV VENTED TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT WITH A/N: 466228 EVAPORATOR, AMMONIA, 20E-33, ELECTRIC HEATER	D2348				
Process 6: HYDROGEN PRODUCTION UNITS					
System 1: HYDROGEN PLANT NO. 1					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2
KNOCK OUT POT, 4C-1, SOUR GAS, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 281309	D344				
VESSEL, HYDROTREATER, 4C-2, HEIGHT: 16 FT ; DIAMETER: 9 FT 6 IN A/N: 281309	D345				

* (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 6: HYDROGEN PRODUCTION UNITS					
VESSEL, 4C-3, ZINC OXIDE GUARD, HEIGHT: 14 FT 10 IN; DIAMETER: 6 FT 6 IN A/N: 281309	D346				
COLUMN, METHANATOR, 4C-11, LENGTH: 14 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 281309	D348				
COLUMN, LOW TEMPERATURE METHANE SHIFT CONVERTER, 4C-13, HEIGHT: 15 FT 2 IN; DIAMETER: 12 FT 6 IN A/N: 281309	D349				
ABSORBER, MEA, 4C-15, HEIGHT: 75 FT ; DIAMETER: 10 FT 6 IN A/N: 281309	D350				
FILTER, 4C-23, FUEL GAS, HEIGHT: 10 FT 10 IN; DIAMETER: 1 FT 6 IN A/N: 281309	D351				
VESSEL, SEPARATOR, 4C-24, OIL, HEIGHT: 4 FT 8 IN; DIAMETER: 1 FT 6 IN A/N: 281309	D352				
COMPRESSOR, 4K-1, FEED GAS A/N: 281309	D355				H23.34
COMPRESSOR, 4K-1A, FEED GAS A/N: 281309	D356				H23.34
SCRUBBER, CAUSTIC, 4C-6, HEIGHT: 79 FT ; DIAMETER: 3 FT 6 IN A/N: 281309	D357				
TANK, SURGE, 4C-26, CAUSTIC, LENGTH: 13 FT ; DIAMETER: 6 FT A/N: 281309	D358				

* (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
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: HYDROGEN PRODUCTION UNITS					
REGENERATOR, 4C-14, MEA, HEIGHT: 71 FT ; DIAMETER: 14 FT A/N: 281309	D360				
ABSORBER, 4C-16, MEA, HEIGHT: 75 FT ; DIAMETER: 10 FT 6 IN A/N: 281309	D1264				
ACCUMULATOR, 4C-18, REGENERATOR OVERHEAD, MEA, HEIGHT: 12 FT ; DIAMETER: 5 FT A/N: 281309	D1265				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 281309	D1815			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: HYDROGEN PLANT NO. 2					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2, S31.2
KNOCK OUT POT, 24C-2, FEED GAS, LENGTH: 9 FT 6 IN; DIAMETER: 4 FT 6 IN A/N:	D385				
COMPRESSOR, 24K-4A, FEED GAS, 2 TOTAL, 4500-HP EACH A/N:	D390				H23.34
REACTOR, ZINC OXIDE, LENGTH: 19 FT 6 IN; DIAMETER: 10 FT A/N:	D369				
REACTOR, HIGH TEMPERATURE SHIFT, 24C-14, HEIGHT: 34 FT ; DIAMETER: 12 FT 6 IN A/N:	D371				

* (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
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: HYDROGEN PRODUCTION UNITS					
REACTOR, LTS REACTOR, 24C-50, HEIGHT: 21 FT ; DIAMETER: 13 FT A/N:	D1203				
KNOCK OUT POT, 24C-4, NO. 1 HTS EFFLUENT, LENGTH: 9 FT ; DIAMETER: 10 FT A/N:	D386				
KNOCK OUT POT, 24C-25, NO. 2 HTS EFFLUENT, LENGTH: 11 FT ; DIAMETER: 7 FT A/N:	D387				
ABSORBER, PRESSURE SWING, 24C-15 TO 24C-26, 12 TOTAL, HEIGHT: 34 FT ; DIAMETER: 12 FT 6 IN A/N:	D372				
FILTER, 24J-5A, PRODUCT GAS, 2 TOTAL A/N:	D392				
REACTOR, HDS, 24C-11, LENGTH: 20 FT 6 IN; DIAMETER: 9 FT A/N: 280605	D368				
REACTOR, 24C-13, ZINC OXIDE, HEIGHT: 19 FT 6 IN; DIAMETER: 10 FT A/N: 280605	D370				
FILTER, 24-J-13, FUEL GAS A/N: 280605	D1266				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280605	D1936			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: HYDROGEN PRODUCTION UNITS 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
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: HYDROGEN PRODUCTION UNITS					
HEATER, HYDROGEN PLANT REFORMING, 4F-1, NATURAL GAS, REFINERY GAS, WITH ZEECO BURNER MODEL GLSFO10, 527 MMBTU/HR WITH A/N: 455133 BURNER, NATURAL GAS, REFINERY GAS, JOHN ZINK, MODEL G0-33-40, WITH LOW NOX BURNER, 136 TOTAL; 527 MMBTU/HR	D367	S1971 S2021	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**]	B61.3, D90.12, E193.16, H23.13
STACK, EAST A/N: 455133	S1971	D367			
STACK, WEST A/N: 455133	S2021	D367			

* (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
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: HYDROGEN PRODUCTION UNITS					
HEATER, HYDROGEN REFORMING, 24F-1, WASTE HEAT (GAS TURBINE 24J-01 (DEVICE D926) EXHAUST), NATURAL GAS, PSA GAS, REFINERY GAS, 931 MMBTU/HR WITH A/N: 440468 BURNER, NATURAL GAS, PSA GAS, REFINERY GAS, WITH LOW NOX BURNER, 108 TOTAL; 931 MMBTU/HR	D925	C395 D926	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 88.54 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 9 PPMV AT 15 MINS. (4) [**RULE 2005, 5-6-2005**]; **NOX**: 42 LBS/HR (7) [**RULE 2005, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM10**: 24.94 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **ROG**: 62.35 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **SO2**: 20 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **SOX**: 17.03 LBS/HR (7) [**RULE 2005, 5-6-2005**]	A195.1, B61.1, B61.3, C1.12, D28.23, D82.1, D182.3, D182.4, E193.16, H23.33, K171.5
STACK, COMMON TO GAS TURBINE 24J-01 & HEATER 24F-1 A/N: 440468	S1732	C395			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 440468	D1807			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: SCR System serving H2 production plant #2 unit heater					

* (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
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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 6: HYDROGEN PRODUCTION UNITS					
SELECTIVE CATALYTIC REDUCTION, WITH FIXED BED REACTOR AND HONEYCOMB TYPE CATALYST WITH A/N: 301858 AMMONIA INJECTION	C395	D925 S1732		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.7
System 5: NH3 (Liquidfied anhydrous) storage & vaporization					
STORAGE TANK, PRESSURIZED, 24C-27, ANHYDROUS AMMONIA, WITH A VAPOR BALANCE SYSTEM, 1000 GALS; DIAMETER: 3 FT 6 IN; LENGTH: 13 FT WITH A/N: 440469 EVAPORATOR, AMMONIA, 24E-27, ELECTRIC HEATED	D2232				E144.1, K67.13
System 6: FUEL GAS FILTER SEPARATORS					S13.2, S15.15, S31.5
FILTER, SEPARATOR, 4C-30, REFINERY FUEL GAS, VESSEL TYPE, SERVES HEATER 4F-1, HEIGHT: 10 FT 8 IN; DIAMETER: 2 FT 8 IN A/N: 422169	D2416				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422169	D2417			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 7: HYDROCRACKING UNIT					P13.1
System 1: HYDROCRACKING UNIT					S4.1, S13.2, S15.1, S15.2, S15.13

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: HYDROCRACKING UNIT					P13.1
TANK, 3C-1, FIRST STAGE FEED, HEIGHT: 30 FT ; DIAMETER: 13 FT A/N: 376640	D396				
VESSEL, SEPARATOR, FIRST STAGE HIGH PRESSURE, 3C-3, HEIGHT: 24 FT ; DIAMETER: 7 FT A/N: 376640	D397				
VESSEL, SEPARATOR, SECOND STAGE HIGH PRESSURE, 3C-5, HEIGHT: 27 FT ; DIAMETER: 7 FT A/N: 376640	D398				
TANK, 3C-6, HEIGHT: 18 FT ; DIAMETER: 5 FT A/N: 376640	D399				
VESSEL, SEPARATOR, LOW PRESSURE, 3C-7, HEIGHT: 44 FT ; DIAMETER: 13 FT A/N: 376640	D400				
COLUMN, STABILIZER, 3C-8, HEIGHT: 115 FT 3 IN; DIAMETER: 14 FT 6 IN A/N: 376640	D401				
ACCUMULATOR, 3C-9, STABILIZER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N: 376640	D402				
ACCUMULATOR, 3C-12, RECYCLE SPLITTER OVERHEAD, LENGTH: 36 FT ; DIAMETER: 9 FT A/N: 376640	D403				
VESSEL, DEGASSER, 3C-13, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 376640	D404				

* (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: HYDROCRACKING UNIT					P13.1
KNOCK OUT POT, 3C-23, REGENERATOR GAS, HEIGHT: 8 FT ; DIAMETER: 2 FT A/N: 376640	D411				
TANK, ABSORBENT, 3C-25, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 376640	D412				
TANK, ABSORBENT, 3C-24, HEIGHT: 10 FT ; DIAMETER: 2 FT 6 IN A/N: 376640	D413				
REACTOR, FIRST STAGE, 3C-2A, HEIGHT: 76 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 376640	D425				
REACTOR, FIRST STAGE, 3C-2B, HEIGHT: 76 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 376640	D426				
COMPRESSOR, 3K-3, FIRST STAGE HYDROGEN RECYCLE, CENTRIFUGAL, 2500 HP, ELECTRIC MOTOR DRIVE A/N: 376640	D1915				
REACTOR, SECOND STAGE, 3C-4A, HEIGHT: 85 FT ; DIAMETER: 9 FT 6 IN A/N: 376640	D427				
REACTOR, SECOND STAGE, 3C-4B, HEIGHT: 85 FT ; DIAMETER: 9 FT 6 IN A/N: 376640	D428				

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(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
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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 7: HYDROCRACKING UNIT					P13.1
COMPRESSOR, 3K-2C, OIL SEALS, 5000 HP, ELECTRIC MOTOR DRIVE A/N: 376640	D437				
VESSEL, 3C-26, STEAM, HEIGHT: 8 FT ; DIAMETER: 3 FT 6 IN A/N: 376640	D1269				
COMPRESSOR, 3K-1A, FIRST AND SECOND STAGE HYDROGEN MAKEUP, FOR 3K-2C A/N: 376640	D1276				
COMPRESSOR, 3K-2A, OIL, 5,000 HP MOTOR DRIVE A/N: 376640	D1277				
COMPRESSOR, 3K-1B, FIRST AND SECOND STAGE HYDROGEN MAKEUP A/N: 376640	D1278				
COMPRESSOR, 3K-2B, 5,000 HP MOTOR DRIVE AND RELIEF TO LP AND HP FLARE SYSTEM A/N: 376640	D1279				
COMPRESSOR, 3K-1C, FIRST AND SECOND STAGE HYDROGEN MAKEUP A/N: 376640	D1280				
ACCUMULATOR, 3C-12A, RECYCLE SPLITTER OVERHEAD, DIAMETER: 15 FT; LENGTH: 28 FT. A/N: 376640	D1552				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 376640	D1819			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: HYDROCRACKING UNIT HEATERS					

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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: HYDROCRACKING UNIT					P13.1
HEATER, 3F-1A, HYDROCRACKING UNIT FIRST STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 17.2 MMBTU/HR WITH A/N: 455136 BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS, WITH LOW NOX BURNER, 3 TOTAL; 17.2 MMBTU/HR	D927	S1972	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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 3F-1B, HYDROCRACKING UNIT FIRST STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 17.2 MMBTU/HR WITH A/N: 455137 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, STAGED COMBUSTION, 17.2 MMBTU/HR	D928	S1972	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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, H23.13

* (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
EXXONMOBIL OIL CORPORATION

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: HYDROCRACKING UNIT					P13.1
HEATER, 3F-2A, HYDROCRACKING UNIT SECOND STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 21.1 MMBTU/HR WITH A/N: 455141 BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS, WITH LOW NOX BURNER, 21.1 MMBTU/HR	D929	S1972	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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, H23.13
HEATER, 3F-2B, HYDROCRACKING UNIT SECOND STAGE REACTION FEED, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 21.1 MMBTU/HR WITH A/N: 455146 BURNER, NATURAL GAS, REFINERY GAS, THREE STAGED BURNERS, WITH LOW NOX BURNER, 3 TOTAL; 21.1 MMBTU/HR	D1403	S1972	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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, H23.13
STACK, COMMON TO D927, D928, D929, AND D1403 A/N: 455136	S1972	D927 D928 D929 D1403			

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(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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Process 7: HYDROCRACKING UNIT					P13.1
HEATER, 3F-3, HYDROCRACKER, STABILIZER REBOILER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 129 MMBTU/HR WITH A/N: 455142 BURNER, NATURAL GAS, REFINERY GAS, STAGED, WITH LOW NOX BURNER, STAGED COMBUSTION, 12 TOTAL; 129 MMBTU/HR	D930	S1975	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**]	B61.3, C1.2, D90.12, D328.1, E193.16, H23.13
HEATER, 3F-4, HYDROCRACKER, SPLITTER REBOILER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 73 MMBTU/HR WITH A/N: 455144 BURNER, EIGHT STAGED LOW-NOX BURNERS, WITH LOW NOX BURNER, STAGED COMBUSTION, 73 MMBTU/HR	D931	S1975	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**]	B61.3, C1.3, D90.12, D328.1, E193.16, H23.13
STACK, COMMON TO D930 AND D931 A/N: 455142	S1975	D930 D931			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455146	D2372			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: FUEL GAS FILTER SEPARATORS					S13.2, S15.15, S31.2

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(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
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(9) See App B for Emission Limits
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EXXONMOBIL OIL CORPORATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 7: HYDROCRACKING UNIT					P13.1
FILTER, SEPARATOR, 3C-201, REFINERY FUEL GAS, VESSEL TYPE, WITH DUAL LOWER BARRELS, FOR STORAGE OF THE REMOVED LIQUID, SERVES 4 HEATERS (3F-1A&B, 3F-2A&B), HEIGHT: 9 FT 4 IN; DIAMETER: 1 FT 4 IN A/N: 471343	D2411				E336.20
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 471343	D2412			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.36
Process 8: ALKYLATION UNIT					P13.1
System 1: MODIFIED HYDROFLUORIC ACID ALKYLATION UNIT					S4.1, S13.2, S15.1, S15.2
TANK, 5C-3, HYDROGEN FLUORIDE ACID, HEIGHT: 45 FT ; DIAMETER: 15 FT A/N: 413053	D448				
COLUMN, ISOSTRIPPER, 5C-5, HEIGHT: 199 FT ; DIAMETER: 15 FT 6 IN A/N: 413053	D449				
COLUMN, DEPROPANIZER,5C-45, HEIGHT: 102 FT ; DIAMETER: 10 FT A/N: 413053	D450				
COLUMN, HYDROGEN FLUORIDE STRIPPER, 5C-46, HEIGHT: 42 FT 6 IN; DIAMETER: 5 FT A/N: 413053	D452				
TOWER, 5C-48A, PROPANE KOH TREATER, HEIGHT: 16 FT ; DIAMETER: 6 FT A/N: 413053	D453				

* (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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EXXONMOBIL OIL CORPORATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8: ALKYLATION UNIT					P13.1
TOWER, 5C-48B, PROPANE KOH TREATER, HEIGHT: 16 FT ; DIAMETER: 6 FT A/N: 413053	D454				
COLUMN, ALKYLATE STABILIZER, 5C-16, HEIGHT: 69 FT ; DIAMETER: 8 FT A/N: 413053	D455				
SETTLING TANK, NO. 1, 5C-37, ACID, LENGTH: 52 FT ; DIAMETER: 13 FT A/N: 413053	D458				
SETTLING TANK, NO. 2, 5C-38, ACID, LENGTH: 52 FT ; DIAMETER: 13 FT A/N: 413053	D459				
REGENERATOR, 5C-8, NO. 1 ACID, HEIGHT: 19 FT ; DIAMETER: 3 FT A/N: 413053	D460				
TOWER, 5C-41A, PROPANE ALUMINA, HEIGHT: 32 FT ; DIAMETER: 9 FT A/N: 413053	D461				
TANK, SETTLER, 5C-10, DEPROPANIZER FEED, LENGTH: 20 FT ; DIAMETER: 7 FT 6 IN A/N: 413053	D464				
VESSEL, RECEIVER, 5C-12, DEPROPANIZER OVERHEAD, LENGTH: 30 FT ; DIAMETER: 10 FT A/N: 413053	D465				

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(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
EXXONMOBIL OIL CORPORATION

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: ALKYLATION UNIT					P13.1
VESSEL, RECEIVER, 5C-6, ISOSTRIPPER OVERHEAD, LENGTH: 53 FT ; DIAMETER: 14 FT A/N: 413053	D466				
VESSEL, RECEIVER, 5C-17, ALKYLATE STABILIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N: 413053	D467				
VESSEL, REGENERATOR, 5C-39, NO. 2 ACID, HEIGHT: 31 FT ; DIAMETER: 3 FT 6 IN A/N: 413053	D468				
TOWER, 5C-41B, PROPANE ALUMINA, HEIGHT: 32 FT ; DIAMETER: 9 FT A/N: 413053	D469				
FILTER, 5J-15A/B, ALKYLATE FLUSH, 2 TOTAL, HEIGHT: 10.75 IN; DIAMETER: 3 FT 7.38 IN A/N: 413053	D471				
FILTER, 5J-16A/B, ALKYLATE FLUSH, HEIGHT: 10.75 IN; DIAMETER: 3 FT 7.38 IN A/N: 413053	D472				
STORAGE TANK, 5C-31, ACID, LENGTH: 50 FT ; DIAMETER: 10 FT A/N: 413053	D473				
REACTOR, NO. 1, 5E-30 A/N: 413053	D474				
REACTOR, NO. 2, 5E-31 A/N: 413053	D475				

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(3) Denotes RECLAIM concentration limit
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(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 8: ALKYLATION UNIT					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 413053	D1825			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: LIQUID HF NEUTRALIZATION UNIT					S4.1, S13.2, S15.1, S15.2
SUMP, NEUTRALIZATION BASIN, 5R-5,, TWO SECTIONS, COVERED, WIDTH: 11 FT 4 IN; DEPTH: 12 FT ; LENGTH: 22 FT 8 IN A/N: 328726	D480				C8.4
SCRUBBER, VENT, NEUTRALIZATION BASIN, WITH 3 WATER NOZZLES, WITH MIST ELIMINATOR, HEIGHT: 15 FT ; DIAMETER: 4 FT A/N: 328726	D481				C8.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328726	D2373			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: ALKYLATE WATER WASH UNIT					S7.2, S13.2, S15.1, S15.2
TOWER, 10C-7, ALKYLATE WATER WASH, DIA: 7 FT / 10 FT; H: 43 FT / 17 FT A/N: 328728	D1651				
TOWER, 10C-8, ADDITIVE RECOVERY, DIA: 2 FT 6 IN / 5 FT; H: 15 FT / 10 FT A/N: 328728	D1652				
VESSEL, RECEIVER, 10C-9, OVERHEAD, DIA: 2 FT-10 IN ; L: 9 FT-0 IN TT A/N: 328728	D1653				

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(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 8: ALKYLATION UNIT					P13.1
VESSEL, DRYER, 10C-10, DIA.: 1 FT / 3 FT; L.: 21 FT-2 IN / 12 FT-7 IN A/N: 328728	D1654				
STORAGE TANK, 10D-1, ADDITIVE, LENGTH: 22 FT ; DIAMETER: 6 FT 6 IN A/N: 328728	D1655				
EJECTOR, 1ST STAGE, 10H-1A/B, HF ADDITIVE DRYER, STEAM JET A/N: 328728	D1659				
EJECTOR, 2ND STAGE, 10H-2A/B, HF ADDITIVE DRYER, STEAM JET A/N: 328728	D1660				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328728	D1827			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: DECANTER UNIT					S7.3, S13.2, S15.1, S15.2
VESSEL, 5C-101, DECANTER, ASO / ADDITIVE, LENGTH: 16 FT ; DIAMETER: 4 FT 6 IN A/N: 328729	D1661				E204.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 328729	D1828			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: N-BUTANE (ALKYLATION PRODUCT) TREATING					S7.5, S46.1
TOWER, ALUMINA, 10C-1, HEIGHT: 54 FT ; DIAMETER: 12 FT A/N: 392990	D1192				
POT, VAPORIZER, 10C-2, CONDENSATE, HEIGHT: 3 FT ; DIAMETER: 1 FT A/N: 392990	D1193				

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(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
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(9) See App B for Emission Limits
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Process 8: ALKYLATION UNIT					P13.1
VESSEL, TREATER, KOH, 10C-3 A/N: 392990	D1194				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392990	D1957			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: GASEOUS ACID NEUTRALIZATION UNIT					S4.1, S13.2, S15.1, S15.2
SCRUBBER, RELIEF GAS, 5C-53 A/N: 419695	D933				
SCRUBBER, EVACUATION, 5C-58 A/N: 419695	D934				
TANK, 5D-1, SPENT CAUSTIC, FIXED ROOF, HEIGHT: 18 FT ; DIAMETER: 25 FT A/N: 419695	D935	C2250		**VOC**: 50 PPMV (4) [**RULE 1303(a)-BACT, 5-10-1996**]	
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 200 LBS EACH A/N: 419695	C2250	D935			D90.7, E153.5, E193.15, K67.17
TANK, ACID DAY, 5D-5 A/N: 419695	D936				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 419695	D2374			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: EMERGENCY HF ACID DELUGE & NEUTRALIZATION					
SUMP, SPILL CONTAINMENT, 14 INCH HIGH CURBED, AREA AROUND ACID PUMPS WITH OVERHEAD, H2O SPRAY NOZZLES (108 PERIPHERAL @ 52 GPM EACH & 4 TOP @ 105 GPM EACH A/N: 410760	D947				

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(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
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Process 8: ALKYLATION UNIT					P13.1
ABRASIVE BLASTING, DELUGE WATER COLLECTION & CAUSTIC NEUTRALIZATION, 120,000 GALS CAPACITY, CONCRETE WITH LINER A/N: 410760	D937				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410760	D1826			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 8: EMERGENCY HF ACID EVACUATION & NEUTRALIZATION					
TANK, ACID EVACUATION, 5C-54, HEIGHT: 40 FT ; DIAMETER: 14 FT A/N: 410761	D939	C940			
SCRUBBER, ACID EVACUATION SYSTEM (AES) RELIEF GAS, 5C-55, LENGTH: 67 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 410761	C940	D939			E193.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 410761	D2383			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 9: GAS PRODUCTION PROCESS					P13.1
System 1: SATURATE GAS PLANT					S4.1, S13.2, S15.1, S15.2, S15.8, S18.2
KNOCK OUT POT, FEED GAS COMPRESSOR, 7C-1, HEIGHT: 10 FT ; DIAMETER: 4 FT A/N: 280596	D482				
ABSORBER, ISOBUTANE, 7C-2, HEIGHT: 113 FT ; DIAMETER: 5 FT 6 IN A/N: 280596	D483				

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(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 9: GAS PRODUCTION PROCESS					P13.1
ABSORBER, AMINE, 7C-5, HEIGHT: 56 FT ; DIAMETER: 4 FT A/N: 280596	D484				
COLUMN, DEBUTANIZER, 7C-6, HEIGHT: 75 FT ; DIAMETER: 12 FT A/N: 280596	D485				
ACCUMULATOR, 7C-7, DEBUTANIZER OVERHEAD, HEIGHT: 24 FT ; DIAMETER: 9 FT A/N: 280596	D486				
TANK, SURGE, 7C-8, DEPROPANIZER FEED, HEIGHT: 18 FT ; DIAMETER: 8 FT A/N: 280596	D487				
COLUMN, DEPROPANIZER, 7C-9, HEIGHT: 109 FT ; DIAMETER: 11 FT A/N: 280596	D488				
ACCUMULATOR, 7C-10, DEPROPANIZER OVERHEAD, HEIGHT: 20 FT ; DIAMETER: 12 FT A/N: 280596	D489				
COLUMN, NAPHTHA SPLITTER, 7C-11, HEIGHT: 75 FT ; DIAMETER: 12 FT A/N: 280596	D490				
ACCUMULATOR, 7C-12, NAPHTHA SPLITTER OVERHEAD, HEIGHT: 25 FT ; DIAMETER: 6 FT A/N: 280596	D491				
TANK, SURGE, 7C-13, DIAMETER: 18 FT A/N: 280596	D492				

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(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(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
EXXONMOBIL OIL CORPORATION

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: GAS PRODUCTION PROCESS					P13.1
VESSEL, DEA CONTACTOR, 7C-15, HEIGHT: 40 FT ; DIAMETER: 8 FT A/N: 280596	D493				
VESSEL, ROTARY DISC CONTACTOR, 7C-17, HEIGHT: 37 FT 6 IN; DIAMETER: 7 FT A/N: 280596	D494				
VESSEL, COALESCER, 7C-19, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 280596	D495				
KNOCK OUT POT, 7C-4, DRY GAS, HEIGHT: 7 FT ; DIAMETER: 3 FT 6 IN A/N: 280596	D496				
SETTLING TANK, 7C-18, OIL WATER-WASH, LENGTH: 17 FT ; DIAMETER: 10 FT 6 IN A/N: 280596	D497				
VESSEL, PENTANE SULFUR EXTRACTOR, 7C-47, HEIGHT: 58 FT ; DIAMETER: 4 FT 8 IN A/N: 280596	D1206				E204.3
POT, PENTANE COALESCER, 7C-48, LENGTH: 8 FT ; DIAMETER: 5 FT 4 IN A/N: 280596	D1207				E204.3
VESSEL, CONTACTOR, 7C-17, WITH 7.5 HP DRIVE, HEIGHT: 37 FT ; DIAMETER: 7 FT A/N: 280596	D1287				

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(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

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: GAS PRODUCTION PROCESS					P13.1
COMPRESSOR, 7K-2, FEEDGAS, CENTRIFUGAL, AXIAL FLOW WITH PACKED GLAND, 800 HP MOTOR A/N: 280596	D1298				H23.34
TANK, 7C-33, SODIUM SULFIDE SUPPLY, HEIGHT: 6 FT ; DIAMETER: 3 FT A/N: INACTIVE	D1299				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280596	D1830			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: UNSATURATE GAS PLANT					S4.1, S13.2, S15.1, S15.2
VESSEL, RECEIVER, INTERSTAGE, 8C-1, HEIGHT: 15 FT ; DIAMETER: 7 FT A/N: 280597	D498				
VESSEL, RECEIVER, HIGH PRESSURE, 8C-2, HEIGHT: 35 FT ; DIAMETER: 13 FT A/N: 280597	D499				
ABSORBER, AMINE, 8C-5, HEIGHT: 53 FT ; DIAMETER: 7 FT 6 IN A/N: 280597	D500				
COLUMN, DEBUTANIZER, 8C-6, HEIGHT: 90 FT 6 IN; DIAMETER: 14 FT A/N: 280597	D501				
ACCUMULATOR, 8C-7, DEBUTANIZER OVERHEAD, HEIGHT: 25 FT ; DIAMETER: 10 FT A/N: 280597	D502				

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(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
EXXONMOBIL OIL CORPORATION

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: GAS PRODUCTION PROCESS					P13.1
COLUMN, RERUN, 8C-8, HEIGHT: 58 FT ; DIAMETER: 12 FT A/N: 280597	D503				
VESSEL, RECEIVER, RERUN OVERHEAD, 8C-9, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 280597	D504				
VESSEL, DRYER-DEPROPANIZER, 8C-12, HEIGHT: 74 FT ; DIAMETER: 8 FT A/N: 280597	D505				
VESSEL, RECEIVER, DRYER-DEPROPANIZER OVERHEAD, 8C-13, HEIGHT: 15 FT ; DIAMETER: 6 FT 6 IN A/N: 280597	D506				
SETTLING TANK, 8C-15, OIL WATER WASH, HEIGHT: 30 FT ; DIAMETER: 12 FT A/N: 280597	D507				
VESSEL, RECEIVER, INTERSTAGE, 8C-23, HEIGHT: 15 FT ; DIAMETER: 7 FT A/N: 280597	D508				
ABSORBER, MAIN, 8C-33, HEIGHT: 131 FT 6 IN; DIAMETER: 10 FT A/N: 280597	D509				
COMPRESSOR, GAS, STEAM DRIVE, 8K-1 A/N: 280597	D525				H23.34
COMPRESSOR, 8K-2, GAS, STEAM DRIVE A/N: 280597	D542				H23.34

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(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
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(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: GAS PRODUCTION PROCESS					P13.1
VESSEL, TREATER, KPG KOH, 52-C-7, HEIGHT: 18 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 280597	D543				
POT, FCC GASOLINE WATER COALESCER, 8C-37, LENGTH: 15 FT ; DIAMETER: 8 FT A/N: 280597	D1208				E204.3
POT, ABSORBER TOP PUMPDOWN COALESCER, 8C-38, HEIGHT: 10 FT 1 IN; DIAMETER: 5 FT A/N: 280597	D1209				E204.3
POT, ABSORBER MID PUMPDOWN COALESCER, 8C-39, HEIGHT: 12 FT ; DIAMETER: 7 FT A/N: 280597	D1210				E204.3
COLUMN, STRIPPER, 8C-4, HEIGHT: 54 FT 6 IN; DIAMETER: 14 FT A/N: 280597	D1303				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280597	D1831			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: DEISOBUTANIZER					S13.2, S15.1, S15.2
COLUMN, DEISOBUTANIZER, 10C-4, HEIGHT: 185 FT 6 IN; DIAMETER: 9 FT A/N: 392990	D1195				
ACCUMULATOR, 10C-5, DEISOBUTANIZER OVERHEAD ACCUMULATOR, LENGTH: 27 FT ; DIAMETER: 9 FT A/N: 392990	D1196				

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(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
EXXONMOBIL OIL CORPORATION

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: GAS PRODUCTION PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 392990	D1829			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: ISOBUTANE (ALKYLATION FEED) TREATING					S13.2, S15.2, S15.15, S31.2
VESSEL, COALESCER, 11C-10, ISOBUTANE, LENGTH: 10 FT 9 IN; DIAMETER: 4 FT A/N:	D479				
Process 11: TREATING/STRIPPING PROCESS					P13.1
System 1: LPG (OLEFIN - ALKYLATION FEED) MEROX TREATING					S13.2, S15.1, S15.2
ABSORBER, 9C-1, UNSATURATE C3/C4 AMINE, HEIGHT: 60 FT ; DIAMETER: 10 FT A/N: 455998	D579				
VESSEL, PREWASH, 9C-2, UNSATURATE C3/C4, CAUSTIC, HEIGHT: 20 FT ; DIAMETER: 11 FT 6 IN A/N: 455998	D580				
VESSEL, EXTRACTOR, 9C-3, UNSATURATE C3/C4, HEIGHT: 58 FT ; DIAMETER: 8 FT 6 IN A/N: 455998	D581				
SETTLING TANK, 9C-4, UNSATURATE C3/C4 CAUSTIC, HEIGHT: 29 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 455998	D582				

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(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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
FILTER, 9C-5, UNSATURATE C3/C4 SAND, HEIGHT: 19 FT 6 IN; DIAMETER: 11 FT 6 IN A/N: 455998	D583				
VESSEL, SEPARATOR, 9C-7, UNSATURATE C3/C4, DISULFIDE, HEIGHT: 20 FT 6 IN; DIAMETER: 3 FT A/N: 455998	D584				
VESSEL, SEPARATOR, 9C-8, UNSATURATE C3/C4 DISULFIDE, HEIGHT: 19 FT ; DIAMETER: 4 FT A/N: 455998	D585			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9
FILTER, SAND, 9C-9, UNSATURATE C3/C4 DISULFIDE, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 455998	D586				
VESSEL, OXIDIZER, 9C-12, UNSATURATE C3/C4, HEIGHT: 20 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 455998	D587				
VESSEL, SEPARATOR, 9C-13, SATURATE C3/C4 DISULFIDE, HEIGHT: 19 FT ; DIAMETER: 4 FT A/N: 455998	D594			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9
FILTER, SAND, 9C-14, SATURATE C3/C4 DISULFIDE, HEIGHT: 7 FT ; DIAMETER: 2 FT A/N: 455998	D595				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455998	D1983			**VOC**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

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(3) Denotes RECLAIM concentration limit
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(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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
System 2: GASOLINE MEROX TREATING					S13.2, S15.1, S15.2
REACTOR, 12C-1, MEROX, HEIGHT: 20 FT ; DIAMETER: 12 FT A/N: 422179	D588				
POT, DRAIN, 12C-3, REACTOR, HEIGHT: 3 FT ; DIAMETER: 1 FT 6 IN A/N: 422179	D2192				
REACTOR, 12C-2, MEROX, HEIGHT: 20 FT ; DIAMETER: 12 FT A/N: 422179	D589				
POT, DRAIN, 12C-4, REACTOR, HEIGHT: 3 FT ; DIAMETER: 1 FT 6 IN A/N: 422179	D2193				
KNOCK OUT POT, FLARE, 12C-6, HEIGHT: 9 FT 9 IN; DIAMETER: 3 FT A/N: 422179	D590				
VESSEL, COALESCER, 12J-4, FCCU GASOLINE, HEIGHT: 6 FT 8 IN; DIAMETER: 3 FT 11 IN A/N: 422179	D1311				
VESSEL, COALESCER, 12J-3, FCCU GASOLINE, HEIGHT: 8 FT ; DIAMETER: 5 FT 2 IN A/N: 422179	D2146				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422179	D1838			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: FUEL GAS TREATING/MEA ABSORPTION					S4.1, S13.2, S15.1, S31.3

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(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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
VESSEL, 27C-01A, OFF-GAS SEPARATOR (COKER OFF-GAS, COKER WET GAS), LENGTH: 23 FT 6 IN; DIAMETER: 7 FT A/N: 422300	D1314				
VESSEL, 27C-01B, OFF-GAS SEPARATOR (COKER OFF-GAS, COKER WET GAS), LENGTH: 23 FT 6 IN; DIAMETER: 7 FT A/N: 422300	D2214				
VESSEL, 27C-06A, NO. 1 AMINE CONTACTORS, HEIGHT: 86 FT ; DIAMETER: 6 FT A/N: 422300	D1318				
TANK, VENT, 27C-12A, HEIGHT: 6 FT ; DIAMETER: 4 FT 4 IN A/N: 422300	D1326				
VESSEL, NO. 2 AMINE, CONSISTING OF 2 SECTIONS WITH A/N: 422300 VESSEL, CONTACTOR, 27C-18A, NO. 2, MEA, TOP SECTION, HEIGHT: 94 FT ; DIAMETER: 5 FT VESSEL, KNOCK OUT POT, 27C-4A, BOTTOM SECTION, HEIGHT: 11 FT ; DIAMETER: 5 FT	D1333				
TANK, FLASH, 27C-19A, RICH AMINE, HEIGHT: 42 FT ; DIAMETER: 12 FT A/N: 422300	D1335				

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(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
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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 11: TREATING/STRIPPING PROCESS					P13.1
SUMP, 27D-3, RICH MEA, 3000 GALS; DIAMETER: 8 FT ; DEPTH: 8 FT A/N: 422300	D2215	C2219		**VOC**: 500 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	
CARBON ADSORBER, 27J-5A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN PARALLEL, 200 LBS A/N: 422300	C2219	D2215			D90.1, E128.1, E153.6, K171.6
FILTER, 27J-4, RICH MEA SUMP EFFLUENT, HEIGHT: 8 FT 1 IN; DIAMETER: 1 FT 2 IN A/N: 422300	D2216				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422300	D1842			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: MEA regeneration					S4.1, S13.2, S15.1, S15.4, S31.3
VESSEL, REGENERATOR, 28C-50A, RICH MEA, HEIGHT: 70 FT ; DIAMETER: 7 FT 6 IN A/N: 377122	D2220				
VESSEL, REGENERATOR OVERHEAD ACCUMULATOR/REFLUX, 28C-51A, HEIGHT: 18 FT ; DIAMETER: 6 FT A/N: 377122	D2221				
TANK, SURGE, 28D-50A, LEAN MEA, 1690 BBL; DIAMETER: 22 FT ; HEIGHT: 25 FT A/N: 377122	D2222	C2223		**VOC**: 500 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	

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(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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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
CARBON ADSORBER, 28J-57A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN SERIES, 200 LBS A/N: 377122	C2223	D2222			D90.1, E128.1, E153.6, K171.6
FILTER, CARTRIDGE TYPE, 28J-50A, LEAN MEA SURGE TANK EFFLUENT, PARTICULATE FILTER, HEIGHT: 6 FT 5 IN; DIAMETER: 3 FT 1 IN A/N: 377122	D2224				
FILTER, CHARCOAL, 28J-51A, LEAN MEA SURGE TANK EFFLUENT, HEIGHT: 8 FT ; DIAMETER: 6 FT 6 IN A/N: 377122	D2225				
FILTER, GUARD, 28J-52A, LEAN MEA SURGE TANK EFFLUENT, HEIGHT: 7 FT ; DIAMETER: 2 FT 4 IN A/N: 377122	D2226				
FILTER, VANE MIST TYPE, 28J-54A, FOAM, RECLAIMED MEA, HEIGHT: 3 FT 11 IN; DIAMETER: 1 FT 2 IN A/N: 377122	D2227				
SUMP, 28D-52, RICH MEA, DEPTH: 8 FT ; DIAMETER: 8 FT A/N: 377122	D2228	C2229		**VOC**: 500 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	
CARBON ADSORBER, 28J-56A/B, CHARCOAL, DIA: 1 FT 10 IN, H: 2 FT 10 IN, 2 IN SERIES, 200 LBS A/N: 377122	C2229	D2228			D90.1, E128.1, E153.6, K171.6

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(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 11: TREATING/STRIPPING PROCESS					P13.1
FILTER, CARTRIDGE TYPE, 28J-55, RICH MEA SUMP EFFLUENT, HEIGHT: 3 FT 4 IN; DIAMETER: 1 FT 2 IN A/N: 377122	D2230				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 377122	D2231			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: DEA ABSORPTION SYSTEM					S13.2, S15.1
TANK, SURGE, 75C-201, LEAN AMINE, LENGTH: 30 FT ; DIAMETER: 12 FT A/N: 239651	D612				
KNOCK OUT POT, 75C-202, LENGTH: 10 FT ; DIAMETER: 4 FT 6 IN A/N: 239651	D613				
ABSORBER, 75C-203, AMINE, HEIGHT: 59 FT ; DIAMETER: 5 FT 6 IN A/N: 239651	D614				
ABSORBER, 75C-205, AMINE, LENGTH: 45 FT ; DIAMETER: 5 FT 6 IN A/N: 239651	D615				
TANK, SURGE, 75C-206, RICH DEA, LENGTH: 63 FT ; DIAMETER: 12 FT A/N: 239651	D616				
TANK, SURGE, 75C-209, RICH DEA, LENGTH: 63 FT ; DIAMETER: 15 FT A/N: 239651	D617				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 239651	D1840			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

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(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
System 6: DEA REGENERATION, TRAIN A					S13.2, S15.1, S15.4
COLUMN, REGENERATOR, 28C-1A, HEIGHT: 66 FT ; DIAMETER: 11 FT A/N: 171569	D627				
ACCUMULATOR, 28C-2A, REGENERATOR OVERHEAD, HEIGHT: 12 FT ; DIAMETER: 8 FT A/N: 171569	D628				
TANK, SURGE, 28D-1, LEAN DEA, 2000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: 171569	D629				
SUMP, 28R-1, LEAN DEA, LENGTH: 12 FT ; DIAMETER: 8 FT ; DEPTH: 8 FT A/N: 171569	D630				
SUMP, 28R-8, DEA/CONDENSATE, WIDTH: 6 FT ; DEPTH: 8 FT ; LENGTH: 6 FT A/N: 171569	D631				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 171569	D1845			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: DEA REGENERATION, TRAIN B					S13.2, S15.1, S15.4
COLUMN, REGENERATOR, 28C-1B, HEIGHT: 66 FT ; DIAMETER: 11 FT A/N: 154282	D632				
ACCUMULATOR, 28C-2B, REGENERATOR OVERHEAD, LENGTH: 12 FT ; DIAMETER: 8 FT A/N: 154282	D633				

* (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 11: TREATING/STRIPPING PROCESS					P13.1
TANK, 28D-3, SURGE, LEAN DEA, 2000 BBL; DIAMETER: 25 FT ; HEIGHT: 24 FT A/N: 154282	D657				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 154282	D1987			**VOC**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 8: SOUR WATER SURGE AND HANDLING					S13.2, S15.1
TANK, SURGE, 75C-101, SOUR-WATER, LENGTH: 23 FT ; DIAMETER: 9 FT A/N: 275055	D603				
TANK, SURGE, 75C-204, SOUR-WATER, LENGTH: 30 FT ; DIAMETER: 12 FT A/N: 275055	D606				
VESSEL, PUMP SUCTION, 75C-110, SOUR WATER, HEIGHT: 9 FT ; DIAMETER: 5 FT A/N: 275055	D608				
TANK, EXTERNAL FLOATING ROOF, SURGE, 300X-16, TREATED WATER, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 43 FT WITH A/N: 275055 FLOATING ROOF, PONTOON PRIMARY SEAL	D609				H23.2

* (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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
TANK, EXTERNAL FLOATING ROOF, SURGE, 300X-17, TREATED WATER, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 43 FT WITH A/N: 275055 FLOATING ROOF, PONTOON PRIMARY SEAL	D610				H23.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 275055	D1839			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 9: SOUR WATER STRIPPING UNIT A					S13.2, S15.1, S15.4
COLUMN, SOUR WATER STRIPPER A, 28C-30A, HEIGHT: 66 FT ; DIAMETER: 6 FT A/N: C12072	D636				
ACCUMULATOR, 28C-31A, SOUR WATER STRIPPER A OVERHEAD, LENGTH: 15 FT ; DIAMETER: 5 FT A/N: C12072	D637				
SUMP, 28R-30, SOUR WATER, WIDTH: 6 FT ; DEPTH: 8 FT ; LENGTH: 12 FT A/N: C12072	D638				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: C12072	D1988				H23.34
System 10: SOUR WATER STRIPPING UNIT B					S13.2, S15.1, S15.4

* (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
EXXONMOBIL OIL CORPORATION

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: TREATING/STRIPPING PROCESS					P13.1
COLUMN, SOUR WATER STRIPPER B, 28C-30B, HEIGHT: 66 FT ; DIAMETER: 6 FT A/N: C12073	D639				
ACCUMULATOR, 28C-31B, SOUR WATER STRIPPER B OVERHEAD, LENGTH: 15 FT ; DIAMETER: 5 FT A/N: C12073	D640				
System 11: SOUR WATER STRIPPING UNIT C					S13.2, S15.1, S15.4
COLUMN, 28C-36, SOUR WATER STRIPPER C, HEIGHT: 87 FT ; DIAMETER: 7 FT A/N: 133679	D642				
ACCUMULATOR, 28C-37, SOUR WATER STRIPPER C OVERHEAD, LENGTH: 16 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133679	D643				
System 12: Fuel gas treating Unit 27/MEROX mercaptan-extraction & oil absorption					S13.2, S15.1, S31.3
COLUMN, 27C-09A, COMBINATION, HEIGHT: 132 FT 6 IN; DIAMETER: 6 FT A/N:	D1320				
KNOCK OUT POT, 27C-05A, OIL ABSORBER FEED, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N:	D1316				
VESSEL, OXIDIZERS, 27C-10A, HEIGHT: 34 FT ; DIAMETER: 2 FT 6 IN A/N:	D1322				

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(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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FACILITY PERMIT TO OPERATE
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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 11: TREATING/STRIPPING PROCESS					P13.1
POT, ADDITION, 27C-14A, CATALYST, HEIGHT: 3 FT ; DIAMETER: 1 FT 10 IN A/N:	D1330				
VESSEL, SEPARATOR, 27C-11A, DISULFIDE A/N:	D1324	C626			
FILTER, SAND, 27C-27A, KEROSENE/DISULFIDE, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N:	D1341				
TANK, DEGASSING, 27C-13A, SPENT CAUSTIC, HEIGHT: 10 FT ; DIAMETER: 2 FT 4 IN A/N:	D1328				
Process 12: SULFUR PRODUCTION PROCESS					P13.1
System 1: CLAUS TRAIN A					S13.6, S15.1, S15.2, S18.3
KNOCK OUT POT, 29C-05A, SOUR WATER STRIPPER, ACID GAS, HEIGHT: 18 FT ; DIAMETER: 6 FT A/N: 133675	D651				
KNOCK OUT POT, 29C-04A, AMINE ACID GAS, HEIGHT: 22 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133675	D663				
FURNACE, 29F-1A, REACTION, NATURAL GAS, FOR START-UP/SHUTDOWN ONLY, 41 MMBTU/HR A/N: 133675	D666				

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(3) Denotes RECLAIM concentration limit
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(5) (5A) (5B) Denotes command and control emission limit
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(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
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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 12: SULFUR PRODUCTION PROCESS					P13.1
REACTOR, 29C-06A, NATURAL GAS, THREE STAGE CLAUS, 41 MMBTU/HR A/N: 133675	D2007				
BOILER, REACTION FURNACE WASTE HEAT, UNFIRED, 29E-01A A/N: 133675	D1944				
HEATER, NO. 1 REHEATER, 29F-2A, FOR START UPS AND SHUTDOWNS, 4 MMBTU/HR A/N: 133675	D667				
CONDENSER, 29E-02A, NO. 1, SULFUR, HEIGHT: 20 FT ; DIAMETER: 6 FT 8 IN A/N: 133675	D1909				
CONDENSER, 29E-03A, NO. 2, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133675	D1910				
CONDENSER, 29E-05A, NO. 3, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133675	D1911				
CONDENSER, 29E-07A,NO. 4, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133675	D1912			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]	

* (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
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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 12: SULFUR PRODUCTION PROCESS					P13.1
PIT, ACCUMULATOR, 29R-1A, SULFUR, WIDTH: 12 FT 6 IN; DEPTH: 8 FT ; LENGTH: 55 FT A/N:	D668	C952		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 133675	D1849			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: CLAUS TRAIN B					S13.6, S15.1, S15.2, S18.3
KNOCK OUT POT, 29C-05B, SOUR WATER STRIPPER, ACID GAS, HEIGHT: 18 FT ; DIAMETER: 6 FT A/N: 133676	D652				
KNOCK OUT POT, 29C-04B, AMINE ACID GAS, HEIGHT: 22 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 133676	D664				
FURNACE, REACTION, 29F-1B, NATURAL GAS, FOR STARTUP AND SHUTDOWN, 41 MMBTU/HR A/N: 133676	D669				
REACTOR, 29C-06B, NATURAL GAS, THREE STAGE CLAUS, 41 MMBTU/HR A/N: 133676	D2008				
BOILER, REACTION FURNACE WASTE HEAT, UNFIRED, 29E-01B A/N: 133676	D1945				

* (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

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: SULFUR PRODUCTION PROCESS					P13.1
HEATER, NO. 1 REHEATER, 29F-2B, FOR START UP AND SHUTDOWN, 5 MMBTU/HR A/N: 133676	D670				
CONDENSER, 29E-02B, NO. 1, SULFUR, HEIGHT: 20 FT ; DIAMETER: 6 FT 8 IN A/N: 133676	D1913				
CONDENSER, 29E-03B, NO. 2, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133676	D1914				
CONDENSER, 29E-05B, NO. 3, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133676	D1942				
CONDENSER, 29E-07B, NO. 4, SULFUR, HEIGHT: 18 FT ; DIAMETER: 6 FT 8 IN A/N: 133676	D1943			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 250 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]	
PIT, ACCUMULATOR, 29R-1B, SULFUR, WIDTH: 12 FT 6 IN; DEPTH: 8 FT ; LENGTH: 55 FT A/N:	D671	C952		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 133676	D1850			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

* (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

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: SULFUR PRODUCTION PROCESS					P13.1
System 3: TAIL GAS UNIT SERVING CLAUS TRAIN A, REDUCTION CONTROL					S15.1, S18.12
CONDENSER, DIRECT CONTACT SUPERHEATER, 29C-01A, HEIGHT: 60 FT ; DIAMETER: 9 FT 6 IN A/N: 179158	D655				
GENERATOR, REDUCING GAS, 29F-03A, NATURAL GAS A/N: 179158	D1947				
REACTOR, HYDROGENATION/HYDROLYSIS, 29C-07A, HEIGHT: 18 FT ; DIAMETER: 12 FT A/N: 179158	D1946				
VESSEL, CONTACTOR, 29C-02A, AMINE, HEIGHT: 69 FT 6 IN; DIAMETER: 9 FT A/N: 179158	D653	C952		**HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
REGENERATOR, 29-C-03A, AMINE, HEIGHT: 65 FT ; DIAMETER: 5 FT 6 IN A/N: 179158	D1366				
VESSEL, 29-C-12A, REGENERATOR REFLUX, HEIGHT: 8 FT ; DIAMETER: 3 FT 6 IN A/N: 179158	D1368				
TANK, SURGE, 29D-01A, LEAN AMINE, HEIGHT: 20 FT ; DIAMETER: 13 FT A/N: 179158	D661				
SUMP, AMINE, 29D-04A, LENGTH: 6 FT ; DIAMETER: 6 FT A/N: 179158	D1949				

* (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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FACILITY PERMIT TO OPERATE
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 12: SULFUR PRODUCTION PROCESS					P13.1
STORAGE TANK, CAUSTIC, 29D-02, HEIGHT: 12 FT ; DIAMETER: 12 FT A/N: 179158	D1948				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 179158	D1851			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: TAIL GAS INCINERATORS					
OXIDIZER, THERMAL, 29F-4, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNERS, 100 MMBTU/HR A/N:	C952	D653 D668 D671 S1953	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**]	C8.8, D28.25, D82.1, H23.13
STACK A/N:	S1953	C952			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1853			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: SULFUR STORAGE					S15.5
PIT, STORAGE, 28R- 137, SULFUR A/N:	D1375			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
Process 13: LOADING/UNLOADING PROCESS					P13.1
System 1: LPG/LSR RAIL CAR LOADING/UNLOADING RACK					S7.5, S15.1, S15.2, S31.2
LOADING AND UNLOADING ARM, 51J-12A-H, LIQUIFIED PETROLEUM GAS, 16 TOTAL; DIAMETER: 2 IN A/N:	D675				E193.5, E336.2, K67.5
System 2: LPG TANK TRUCK LOADING/UNLOADING RACK					S15.1, S15.2
LOADING ARM, LIQUIFIED PETROLEUM GAS, 2 TOTAL A/N: A21946	D1470				

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(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
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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: LOADING/UNLOADING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: A21946	D1955			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: GASOLINE LOADING RACK NO. 1					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, BOTTOM, LOADING RACK NO. 1, GASOLINE, WITH DRYBREAK COUPLERS, 6 TOTAL; DIAMETER: 4 IN A/N:	D1526			**TOC**: 35 MG/L (8) [**40CFR 60 Subpart XX, 12-19-2003**]; **VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1527			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 4: GASOLINE LOADING RACK NO. 3					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, TANK TRUCK, LOADING RACK NO. 3, GASOLINE, 6 TOTAL; DIAMETER: 4 IN A/N:	D1520			**HAP**: 35 MG/L (8) [**40CFR 60 Subpart XX, 12-19-2003**]; **VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1956			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: SPENT CAUSTIC LOADING & CONTROL SYSTEMS					
LOADING ARM, SPENT CAUSTIC, RAILCAR/TANK TRUCK, 2 TOTAL A/N: 376079	D1474	D1560		**VOC**: 500 PPMV (5) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 376079	D1475			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

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(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
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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: LOADING/UNLOADING PROCESS					P13.1
KNOCK OUT POT, CONDENSIBLES, 500 GALLON, CAUSTIC A/N: 376079	D1560	D1474 C1561			
CARBON ADSORBER, CONDENSIBLES, CAUSTIC A/N: 376079	C1561	D1560			D90.1, E128.1, E153.2
System 6: LIQUID SULFUR TRUCK LOADING					S15.5
LOADING ARM, TOP, ONE 2" OVERHEAD SWING-TYPE, WITH 3" FLEXIBLE VAPOR RECOVERY HOSE, DIAMETER: 2 IN A/N:	D644	C626		**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1847			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	
System 7: SULFUR VAPOR COLLECTION SYSTEM					S15.6, S18.4
EDUCTOR, STEAM, 28H-5, SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, 350 SCFM A/N:	D2390				
System 8: APC SYSTEM					S18.5
INCINERATOR, 28F-11, PROCESS GAS, REFINERY GAS, 60 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, REFINERY GAS, 4 TOTAL; 60 MMBTU/HR	C626	D644 D1324 S1766	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**]	C8.3, D29.5, D328.1, E193.16, H23.13
STACK, HEIGHT: 150 FT ; DIAMETER: 6 FT 6 IN A/N:	S1766	C626			

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Process 13: LOADING/UNLOADING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1844			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 14: WASTEWATER SEPARATION PROCESS					P13.1
System 1: WASTEWATER TREATMENT SYSTEM					S13.9
SCREEN, CLASSIFYING, BAR SCREEN SCRAPER, 72R-100, WIDTH: 10 FT ; DEPTH: 14 FT 7 IN; LENGTH: 44 FT WITH A/N: 358111 PIT, IMPOUND PUMP, WIDTH: 6 FT ; DEPTH: 14 FT 7 IN; LENGTH: 19 FT	D1773			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.8, H23.1
OIL WATER SEPARATOR, FIXED ROOF, COVERED, API SEPARATOR, 72R-66, WIDTH: 25 FT ; DEPTH: 12 FT ; LENGTH: 100 FT A/N: 358111	D680			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000**]	E336.11, H23.5, H23.24, H23.30
TANK, FIXED ROOF, SURGE, 250X9, NITROGEN BLANKETED, SLOTTED PIPE SKIMMER (72D-3), 25000 BBL; DIAMETER: 60 FT ; HEIGHT: 48 FT WITH A/N: 358111 POT, EFFLUENT WEIR BOX	D681			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.11, H23.2, H23.5, H23.24
TANK, FIXED ROOF, STILLING, 72D-17, WASTE WATER, WITH TWO SLOTTED PIPE SKIMMERS, HEIGHT: 24 FT ; DIAMETER: 70 FT A/N: 358111	D683			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.11, H23.2, H23.5, H23.24

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(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: WASTEWATER SEPARATION PROCESS					P13.1
VESSEL, DEHYDRATOR, 170X1 A/N: 358111	D689			**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.11, H23.5
TANK, FIXED ROOF, GAS FLOATATION, NO. 1, 72J-5, NITROGEN BLANKETED, WIDTH: 16 FT ; DEPTH: 8 FT ; LENGTH: 64 FT A/N: 358111	D684			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.8, H23.24, H23.30
TANK, FIXED ROOF, GAS FLOATATION, NO. 2, 72J-6, NITROGEN BLANKETED, WIDTH: 20 FT ; DEPTH: 9 FT ; LENGTH: 100 FT A/N: 358111	D685			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E336.8, H23.24, H23.30
PIT, FIXED ROOF, FLOCCULATION, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT A/N: 358111	D705			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	H23.24
DRAIN SYSTEM COMPONENT A/N: 358111	D1907			**HAP**: (10) [**40CFR 61 Subpart FF, #1, 12-4-2003; 40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.5, H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 358111	D1860			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: APC SYSTEM SERVING WASTEWATER TREATMENT SYSTEM					S13.11, S18.7
KNOCK OUT POT, 72C-8 A/N: 358113	D688				
BLOWER, EXHAUST, 72K-3A, 7.5 HP A/N: 358113	D1376				
KNOCK OUT POT, 72C-22 A/N: 358113	D1775				H23.1
BLOWER, EXHAUST, 72K-3B, 7.5 HP A/N: 358113	D1377				

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Process 14: WASTEWATER SEPARATION PROCESS					P13.1
INCINERATOR, DIRECT GAS-FIRED, 72F-2, NATURAL GAS, PROCESS GAS, 2.5 MMBTU/HR A/N: 358112	C686	S2018	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**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**]	A72.1, C8.1, D28.13, E193.16, E440.1, H23.13
STACK A/N: 358112	S2018	C686			
INCINERATOR, DIRECT GAS-FIRED, 72F-4, NATURAL GAS, PROCESS GAS, SPARE, 2.5 MMBTU/HR A/N: 358113	C687	S2019	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**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**]	A72.1, C8.1, D28.13, E193.16, E440.1, H23.13
STACK A/N: 358113	S2019	C687			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 358113	D1938			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 15: PETROLEUM STORAGE					P13.1
System 1: FIXED ROOF ORGANIC STORAGE					S13.4
STORAGE TANK, FIXED ROOF, 20X1011, SPENT CAUSTIC, HEIGHT: 23 FT 11 IN; DIAMETER: 25 FT A/N: A75828	D690				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X126, 5000 BBL; DIAMETER: 35 FT ; HEIGHT: 30 FT 3 IN A/N: 155609	D691			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003**]	E336.1, H23.4, K67.2
STORAGE TANK, FIXED ROOF, 50X125, 5000 BBL; DIAMETER: 35 FT ; HEIGHT: 30 FT 3 IN A/N: 159406	D692			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003**]	B22.1, C1.6, D182.5, D182.6, E336.1, H23.4

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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 150X101, SLOP OIL, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 392448	D693			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003**]	C1.62, E336.1, H23.4, H23.24
STORAGE TANK, FIXED ROOF, 150X102, SLOP OIL, 15000 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 392587	D694			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003**]	C1.62, E336.1, H23.4, H23.24
STORAGE TANK, FIXED ROOF, 200X10, 20000 BBL; DIAMETER: 60 FT ; HEIGHT: 41 FT A/N: C12326	D695				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 200X11, HEIGHT: 41 FT ; DIAMETER: 60 FT A/N: C12325	D696				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 200X35, DIESEL FUEL, 840000 GALS; DIAMETER: 60 FT ; HEIGHT: 40 FT 3 IN A/N: 192438	D697			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.2
STORAGE TANK, FIXED ROOF, 200X36, DIESEL FUEL, 840000 GALS; DIAMETER: 60 FT ; HEIGHT: 40 FT 3 IN A/N: 192440	D698			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.2
STORAGE TANK, FIXED ROOF, 300X27, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 41 FT A/N: A34940	D699				E336.1, H23.32, K67.2

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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 300X28, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 41 FT A/N: A34941	D700				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 550X70, 55000 BBL; DIAMETER: 100 FT 6 IN; HEIGHT: 40 FT A/N: 466677	D702				B59.2, E336.1, K67.2
STORAGE TANK, FIXED ROOF, 550X95, DIESEL FUEL, 55000 BBL; DIAMETER: 100 FT ; HEIGHT: 39 FT A/N: 192435	D704			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.2
STORAGE TANK, FIXED ROOF, 800X121, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 41 FT 11 IN A/N: A69739	D706				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X122, 80000 BBL; DIAMETER: 110 FT 6 IN; HEIGHT: 48 FT 11 IN A/N: 410654	D708				B22.5, C1.50, D182.5, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 800X130, 80000 BBL; DIAMETER: 118 FT ; HEIGHT: 40 FT A/N: A34944	D711				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X131, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT A/N: A34945	D712				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X135, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT A/N: A34946	D713				E336.1, H23.32, K67.2

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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 800X136, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT A/N: A79242	D714				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X137, 80000 BBL; DIAMETER: 110 FT ; HEIGHT: 48 FT A/N: 213010	D715				C1.37, D182.6, E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 800X205, 80000 BBL; DIAMETER: 117 FT 2 IN; HEIGHT: 41 FT 5 IN A/N: 242599	D716			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, C1.7, D182.5, D182.6
STORAGE TANK, FIXED ROOF, 800X244, VACUUM GAS OIL, 80000 BBL; DIAMETER: 119 FT ; HEIGHT: 40 FT A/N: 192427	D718			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.2
STORAGE TANK, FIXED ROOF, 800X245, 80000 BBL; DIAMETER: 119 FT ; HEIGHT: 40 FT A/N: 192433	D719			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.9, D182.5, K67.2
STORAGE TANK, FIXED ROOF, 900X1, 90000 BBL; DIAMETER: 120 FT ; HEIGHT: 44 FT A/N: C12526	D720				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 900X2, 90000 BBL; DIAMETER: 120 FT ; HEIGHT: 43 FT 6 IN A/N: Z02801	D721				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 900X3, 90000 BBL; DIAMETER: 120 FT ; HEIGHT: 44 FT A/N: C12527	D722				E336.1, H23.32, K67.2

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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 1340X113, NAPHTHA, 134000 BBL; DIAMETER: 142 FT ; HEIGHT: 48 FT A/N: 259332	D724			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003**]	C1.10, D182.6, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 1340X247, DIESEL FUEL, 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 48 FT A/N: 239934	D726			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.13, D182.6
STORAGE TANK, FIXED ROOF, 3000X1, ATMOSPHERIC RESIDUUM, VACUUM RESIDUUM,, FCC PRODUCTS (CLARIFIED & LIGHT CYCLE OIL), HYDRODESULFURIZED MIDDLE DISTILLATE, 300000 BBL; DIAMETER: 198 FT ; HEIGHT: 56 FT A/N: 464936	D727				C1.61, E336.1, H23.6
STORAGE TANK, FIXED ROOF, 5000X1, ATMOSPHERIC RESIDUUM, VACUUM RESIDUUM, FCC PRODUCT (CLARIFIED & LIGHT CYCLE OIL), HYDRODESULFURIZED MIDDLE DISTILLATE, 500000 BBL; DIAMETER: 275 FT ; HEIGHT: 48 FT 4 IN A/N: 464938	D728				C1.59, E336.1, H23.6
STORAGE TANK, FIXED ROOF, 150X103, RECOVERED OIL, 15108 BBL; DIAMETER: 60 FT ; HEIGHT: 30 FT A/N: 376740	D915			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003**]	C1.45, D182.6, E336.1, H23.4
STORAGE TANK, FIXED ROOF, 9X6, SPENT CAUSTIC, 900 BBL; DIAMETER: 18 FT ; HEIGHT: 20 FT A/N: 106339	D1417				E336.1, H23.32, K67.2

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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, STEAM HEATED, 200X37, 20000 BBL; DIAMETER: 80 FT ; HEIGHT: 24 FT A/N: 410391	D1419				E336.9, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X123, RECOVERED OIL, 5000 BBL; DIAMETER: 35 FT ; HEIGHT: 30 FT 3 IN A/N: A77446	D1428				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 50X124, RECOVERED OIL, 5000 BBL; DIAMETER: 35 FT ; HEIGHT: 30 FT 3 IN A/N: A77445	D1437				E336.1, H23.32, K67.2
STORAGE TANK, FIXED ROOF, 1340X123, VACUUM GAS OIL, SLOP OIL, THERMAL CRACKED PRODUCTS (LIGHT, HEAVY, NAPHTHA, GAS OIL), 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 48 FT A/N: 392193	D1685			**VOC**: 500 PPMV (8) [**40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003**]	C1.18, D182.6, E336.1, H23.4, H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 367473	D1862			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
STORAGE TANK, FIXED ROOF, 800X216, VACUUM GAS OIL, LIGHT CYCLE OIL, CLARIFIED SLURRY OIL, FUEL OIL, CUTTER OIL, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT A/N: 361848	D1897				C1.46, D182.6

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(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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, 800X206, VACUUM GAS OIL, LIGHT CYCLE OIL, CLARIFIED SLURRY OIL, FUEL OIL, CUTTER OIL, 80000 BBL; DIAMETER: 117 FT 1 IN; HEIGHT: 39 FT 3 IN A/N: 361847	D1898				C1.46, D182.6
STORAGE TANK, FIXED ROOF, 550X71, CLARIFIED SLURRY OIL, ACID SOLLUBLE OIL, LIGHT CYCLE OIL, DIESEL, GAS OIL, 55000 BBL; DIAMETER: 114 FT ; HEIGHT: 29 FT A/N: 376739	D1924				C1.44, D182.6, E336.1
STORAGE TANK, FIXED ROOF, STEAM HEATED, 51D-10, GASOLINE ADDITIVE, 10000 GALS; DIAMETER: 11 FT 6 IN; HEIGHT: 13 FT A/N:	D1425				K67.2
TANK, 9X7, SPENT CAUSTIC, 860 BBL; DIAMETER: 18 FT ; HEIGHT: 20 FT A/N: 377346	D1925				C1.19, D182.6, E336.1, H23.32
STORAGE TANK, FIXED ROOF, SPENT LAB SAMPLES, LABORATORY CONTAINMENT, 2000 GALS; DIAMETER: 6 FT ; LENGTH: 10 FT A/N: 367473	D1787				C1.49, D182.6, E336.1
System 2: EXTERNAL FLOATING ROOF STORAGE					S13.4

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(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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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X94, DIESEL FUEL, WELDED, 55000 BBL; DIAMETER: 100 FT ; HEIGHT: 39 FT WITH A/N: 438813 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D703			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X246, LCC DISTILLATE, DIESEL FUEL, WELDED, 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 48 FT WITH A/N: 392426 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D725			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.58

* (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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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 50X286, 210000 GALS; DIAMETER: 30 FT 1 IN; HEIGHT: 40 FT WITH A/N: 127244 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D730			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.1, C1.41, D182.5, D182.6, H23.18
STORAGE TANK, EXTERNAL FLOATING ROOF, 50X287, RECOVERED OIL, 5000 BBL; DIAMETER: 30 FT 1 IN; HEIGHT: 40 FT WITH A/N: 133707 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D731			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.18, K67.2

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
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(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 200X17, 20000 BBL; DIAMETER: 60 FT ; HEIGHT: 40 FT 6 IN WITH A/N: C18561 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D732			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 200X18, 20000 BBL; DIAMETER: 60 FT ; HEIGHT: 40 FT 6 IN WITH A/N: C19360 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D733			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(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
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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X12, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: A25817 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D736			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X15, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 42 FT WITH A/N: A25818 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D737			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X23, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 42 FT WITH A/N: A25819 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D738			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X24, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 44 FT WITH A/N: A25820 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D739			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X239, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: 443172 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D741				H23.18, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X132, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: 239647 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D748			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(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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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X133, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: 239650 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D749			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X134, JET KEROSENE, WELDED, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: 392590 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D750			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C1.60, H23.32

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(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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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X250, WASTE WATER, 80000 BBL; DIAMETER: 110 FT ; HEIGHT: 52 FT 3 IN WITH A/N: 257632 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D751				B22.8, C1.42, D182.5, D182.6, H23.18
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X69, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: 443178 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D765			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.10, D182.5, H23.32, K67.2

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(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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Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X70, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: 443336 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER	D766			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E71.10, H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X71, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: C19376 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D767			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X74, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: T00203 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D769			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X76, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: 443337 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER	D770			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	E71.10, H23.32, K67.2

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(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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X77, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: 443338 FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER	D771			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	E71.10, H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X78, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: C19373 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D772			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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(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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X79, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: C19372 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D773			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.1, C1.11, D182.5, D182.6, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X80, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: C19371 FLOATING ROOF, PONTOON, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D774			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.1, C1.11, D182.5, D182.6, 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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X96, 55000 BBL; DIAMETER: 100 FT ; HEIGHT: 41 FT 6 IN WITH A/N: 386850 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D830			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X97, 55000 BBL; DIAMETER: 100 FT ; HEIGHT: 41 FT 6 IN WITH A/N: 386853 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D831			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 550X101, 55000 BBL; DIAMETER: 100 FT ; HEIGHT: 41 FT 6 IN WITH A/N: 386849 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE	D832			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	H23.32, K67.2

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

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

FACILITY PERMIT TO OPERATE
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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X11, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYTROTREATED GAS OIL, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: 459457 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY A GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER	D1743			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.11, C1.32, D182.5, 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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X20, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYTROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 42 FT WITH A/N: 459458 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B	D1747			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.11, C1.32, D182.5, 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

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

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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X22, WELDED, KEROSEN, STRAIGHT RUN GAS OIL, SOUR WATER, AND FULL RANGE HYDROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 42 FT WITH A/N: 459459 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, RIM MOUNTED, CATEGORY B GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER	D1751			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.11, C1.32, D182.5, 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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X21, WELDED, KEROSENE, STRAIGHT RUN LIGHT GAS OIL, SOUR WATER, FULL RANGE HYDROTREATED GAS OIL, 30000 BBL; DIAMETER: 75 FT ; HEIGHT: 42 FT WITH A/N: 459460 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, WIPER	D1755			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	B22.11, C1.32, D182.5, H23.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 459460	D1863			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: PRESSURIZED STORAGE					S13.3, S15.16
STORAGE TANK, PRESSURIZED, 5X815, LIQUIFIED PETROLEUM GAS, 21000 GALS; DIAMETER: 8 FT 2 IN; HEIGHT: 58 FT A/N: 457520	D780				C12.3, E336.16

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 11X21, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT ; HEIGHT: 76 FT A/N: 457522	D781				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X22, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT ; HEIGHT: 76 FT A/N: 457523	D782				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X27, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT ; HEIGHT: 76 FT A/N: 457524	D783				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X28, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT ; HEIGHT: 76 FT A/N: 450319	D784				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 11X33, LIQUIFIED PETROLEUM GAS, 46200 GALS; DIAMETER: 10 FT ; HEIGHT: 76 FT A/N: 457525	D785				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X4, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457526	D42				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X5, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457527	D786				C12.3, E336.16

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 28X6, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457528	D787				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X7, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457529	D788				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X8, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457530	D789				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X9, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457531	D790				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X12, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457532	D791				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X13, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457533	D792				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X14, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457534	D793				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X15, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457535	D794				C12.3, E336.16

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 28X16, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457536	D795				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X17, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457537	D796				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X18, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457538	D797				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 28X19, LIQUIFIED PETROLEUM GAS, 117600 GALS; DIAMETER: 31 FT A/N: 457539	D798				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 50X130, LIQUIFIED PETROLEUM GAS, 210000 GALS; DIAMETER: 39 FT 10 IN A/N: 457540	D799				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 50X183, LIQUIFIED PETROLEUM GAS, 210000 GALS; DIAMETER: 39 FT 10 IN A/N: 457541	D800				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 400X30, LIGHT STRAIGHT RUN NAPHTHA (LSR), LIGHT HYDROCRACKER NAPHTHA (LHC), SPHERICAL VESSEL, 40000 BBL; DIAMETER: 76 FT A/N: 250379	D801				E336.3

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

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

FACILITY PERMIT TO OPERATE
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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, PRESSURIZED, 400X31, LIGHT HYDROCRACKER NAPHTHA (LHC), LIGHT STRAIGHT RUN NAPHTHA (LSR), SPHERICAL VESSEL, 40000 BBL; DIAMETER: 76 FT A/N: 250378	D802				E336.3
STORAGE TANK, PRESSURIZED, 510X4, BUTANE, NODED SPHEROID, 51000 BBL; DIAMETER: 102 FT ; HEIGHT: 40 FT A/N: 023228	D1379				E336.4
STORAGE TANK, PRESSURIZED, 11X41, 1100 BBL; DIAMETER: 9 FT 9 IN; HEIGHT: 76 FT 3 IN A/N: 457542	D1418				C12.3, E336.16
STORAGE TANK, PRESSURIZED, 500X1, BUTANE, 50000 BBL; DIAMETER: 90 FT ; HEIGHT: 45 FT A/N: A86995	D1439				E336.5
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 250378	D1864			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
STORAGE TANK, PRESSURIZED, 200X1, LIGHT STRAIGHT RUN NAPHTHA, DIAMETER: 65 FT A/N: 457543	D2005				C1.52, D182.6, E193.8, E336.16
System 5: INTERNAL FLOATING ROOF					S13.4

* (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

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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, INTERNAL FLOATING ROOF, 1340X87, UNTREATED WASTE WATER/TREATED WASTE WATER, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 343183 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE	D1763				B22.3, C1.17, C6.1, D182.5, D182.6, H23.18
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 343183	D1865			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: DOMED EXTERNAL FLOATING ROOF STORAGE					S13.10

* (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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 50X284, 5000 BBL; DIAMETER: 30 FT ; HEIGHT: 40 FT WITH A/N: 471234 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D729			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C6.3, K67.2, K171.1

* (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
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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 800X104, 80000 BBL; DIAMETER: 110 FT ; HEIGHT: 48 FT WITH A/N: 460192 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D744			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 800X93, GASOLINE, RIVETED, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 41 FT WITH A/N: 409767 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC	D747			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.1, C1.59, 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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X53, GASOLINE BLENDING COMPONENTS, WELDED, 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 48 FT WITH A/N: 471233 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH SLEEVE, WIPER, FLOAT DOME COVER, GEODESIC DOME FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, LIQUID MOUNTED METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D752			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.65, C6.3, H23.31, K171.1

* (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.

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X52, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D753			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

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

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

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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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X1, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 50 FT WITH A/N: 460191 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D754			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X75, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 48 FT 9 IN WITH A/N: 471235 GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE	D768			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]	C6.3, K67.2, K171.1

* (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.

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EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X1, 250000 BBL; DIAMETER: 193 FT ; HEIGHT: 52 FT 10 IN WITH A/N: 465905 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D776			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.1, C1.8, D182.5, D182.6, H23.6, K67.2, K171.1

* (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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X3, GASOLINE BLENDING COMPONENTS, 250000 BBL; DIAMETER: 193 FT ; HEIGHT: 53 FT WITH A/N: 465908 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D778			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.1, C1.9, D182.5, D182.6, H23.4, K171.1

* (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
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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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X4, GASOLINE BLENDING COMPONENTS, 250000 BBL; DIAMETER: 193 FT ; HEIGHT: 53 FT WITH A/N: 454700 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE GUIDEPOLE, SLOTTED GASKETED COVER, WITH, FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D779			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B22.1, C1.9, D182.5, D182.6, H23.4, K171.1

* (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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X56, GASOLINE, WELDED, 134000 BBL; DIAMETER: 142 FT 3 IN; HEIGHT: 51 FT 9.75 IN WITH A/N: 409768 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), WIPER TYPE DOME COVER, GEODESIC	D757			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.30, 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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 2500X2, GASOLINE, 250000 BBL; DIAMETER: 193 FT ; HEIGHT: 53 FT WITH A/N: 409765 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, WIPER TYPE DOME COVER, GEODESIC	D777			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.64, H23.6
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X67, GASOLINE, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D764			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.51, 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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X44, GASOLINE, 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 48 FT WITH A/N: 409766 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED DOME COVER, GEODESIC	D1220			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.31, H23.4
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X54, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D755			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

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

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

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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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X55, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D756			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X92, 80000 BBL; DIAMETER: 117 FT ; HEIGHT: 42 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D746			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

* (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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X95, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, RIVETED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D745			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X33, 30000 BBL; DIAMETER: 67 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D701			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X34, 30000 BBL; DIAMETER: 67 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY C OR BETTER PER RULE 219(C)(4), LIQUID FILLED SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D740			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X57, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D758			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

* (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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EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X61, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D775			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2

* (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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X68, WELDED, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 456389 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D763			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, INTERNAL FLOATING ROOF, 1340X66, (GEODESIC DOME ROOF), 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 389535 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D761			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B59.1, C1.48, C6.1, D182.6, H23.4
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X63, 134000 BBL; DIAMETER: 143 FT ; HEIGHT: 52 FT WITH A/N: 443177 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC	D762			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	B59.1, C1.48, C6.1, D182.6, 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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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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 400X11, GASOLINE, 40000 BBL; DIAMETER: 95 FT 5 IN; HEIGHT: 32 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D742			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.29, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 400X12, GASOLINE, 40000 BBL; DIAMETER: 94 FT 1 IN; HEIGHT: 32 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D743			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.29, 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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X9, GASOLINE, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D734			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.33, H23.32
STORAGE TANK, EXTERNAL FLOATING ROOF, 300X10, GASOLINE, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D735			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.33, 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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X60, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D759			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X62, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D760			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 443177	D2375			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: FIXED ROOF STORAGE TANKS, OTHER					

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, #213339, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400885	D1916				C1.54, D182.6
STORAGE TANK, #213340, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMINE (HPHA), 1025 GALS; DIAMETER: 4 FT ; LENGTH: 12 FT 4 IN A/N: 400884	D1917				C1.25, D182.6
STORAGE TANK, #M-8, FGT ANTI-FOAM AGENT, 2000 GALS; DIAMETER: 6 FT 2 IN; HEIGHT: 9 FT A/N: 377329	D1918				C1.26, D182.6
STORAGE TANK, #N79393, CORROSION INHIBITOR, 2000 GALS; DIAMETER: 5 FT 4 IN; HEIGHT: 12 FT 8 IN A/N: 377333	D1919				C1.27, D182.6
STORAGE TANK, #213338, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400883	D1920				C1.54, D182.6

* (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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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: PETROLEUM STORAGE					P13.1
STORAGE TANK, M-10, BPR 45120, SILICONE ANTI-FOAM AGENT, 1000 GALS; DIAMETER: 4 FT ; LENGTH: 10 FT 1 IN A/N: 377347	D1926				C1.20, D182.6
STORAGE TANK, M-12, BPR 45120 SILICONE ANTI-FOAM AGENT, 350 GALS; WIDTH: 3 FT 6 IN; HEIGHT: 3 FT 4.8 IN; LENGTH: 4 FT A/N: 377350	D1927				C1.21, D182.6
STORAGE TANK, M-14, TOLAD 3920-ANTI-FOAM/ANTI-OXIDANT, 1000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 6 FT A/N: 377352	D1928				C1.22, D182.6
STORAGE TANK, M-1, BPR 82300 NEUTRALIZER, 2000 GALS; DIAMETER: 6 FT ; LENGTH: 10 FT A/N: 400723	D1929				C1.22, D182.6
STORAGE TANK, #143158, BOILER WATER TREATMENT, 340 GALS; WIDTH: 4 FT ; HEIGHT: 4 FT ; LENGTH: 4 FT A/N: 377358	D1930				C1.23, D182.6
STORAGE TANK, 21D-6 (COKER), CHEMICAL, ANTI-FOAMING AGENT, 3000 GALS; DIAMETER: 8 FT ; HEIGHT: 8 FT A/N: 265329	D1554				K67.2

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(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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, #201219, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMINE (HPHA), 500 GALS; DIAMETER: 4 FT ; LENGTH: 5 FT A/N: 400886	D2023				C1.56, D182.6
STORAGE TANK, #201218, WATER TREATING AGENT, DIETHYLHYDROXYLAMINE (DEHA), HYDROXYPROPYLHYDROXYLAMINE (HPHA), 500 GALS; DIAMETER: 4 FT ; LENGTH: 5 FT A/N: 400887	D2024				C1.56, D182.6
STORAGE TANK, #213337, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 400888	D2025				C1.54, D182.6
STORAGE TANK, # 66D-3, WATER TREATING AGENT, DIMETHYLAMINOPROPYLAMINE (DMAPA), METHOXYPROPYLAMINE (MPA), 560 GALS; DIAMETER: 4 FT ; LENGTH: 6 FT A/N: 407801	D2026				C1.57, D182.6

* (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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Process 15: PETROLEUM STORAGE					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 407801	D2376			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 16: STEAM GENERATION PROCESS					
System 1: UTILITY BOILERS					
BOILER, AUXILIARY, 2F-4, NATURAL GAS, REFINERY GAS, 309 MMBTU/HR WITH A/N: 145248 BURNER, NATURAL GAS, REFINERY GAS, COEN, MODEL DAF29, 4 BURNERS, WITH LOW NOX BURNER, 4 TOTAL; 309 MMBTU/HR	D803		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **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**]	A327.2, D328.1, E193.16, H23.13
BOILER, UTILITY, 75F-1, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, WITH LOW NOX BURNER, 291 MMBTU/HR WITH A/N: 145246 BURNER, NATURAL GAS, COEN, MODEL DAF-26, THREE, WITH LOW NOX BURNER, STEAM OR WATER INJECTION, 3 TOTAL; 291 MMBTU/HR	D805		NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **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**]	A327.2, D328.1, E193.16, H23.13

* (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 16: STEAM GENERATION PROCESS					
BOILER, UTILITY A-TRAIN, 30F-1, LIQUIFIED PETROLEUM GAS, REFINERY GAS, ABCO INDUSTRIES, MODEL "D" TYPE, 340 MMBTU/HR WITH A/N: 281304 BURNER, LIQUIFIED PETROLEUM GAS, REFINERY GAS, COEN, MODEL DAF-36, WITH LOW NOX BURNER, 2 TOTAL; 340 MMBTU/HR	D1236	C1238	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 10.1 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.01 LBS/MMBTU (7) [**RULE 2005, 5-6-2005**]; **NOX**: 0.2 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **PM**: 0.01 GRAINS/SCF (5B) [**RULE 476, 10-8-1976**]; **PM**: 0.1 LBS/MMBTU (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **PM**: 5.3 LBS/HR (7) [**RULE 1303(b)(2) -Offset, 5-10-1996**]; **PM**: 11 LBS/HR (5A) [**RULE 476, 10-8-1976**]; **ROG**: 1.77 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **SO2**: 20 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]	A327.2, B61.1, C1.14, D29.2, D328.1, E193.16, H23.13, H23.19
SELECTIVE CATALYTIC REDUCTION, HITACHI ZOSEN, FIXED BED, CERAMIC CATALYST, 212 CU FT A/N: 281303	C1238	D1236		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.7, K40.3

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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Process 16: STEAM GENERATION PROCESS					
BOILER, UTILITY B-TRAIN, 30F-2, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, ABCO, MODEL "D" TYPE, 340 MMBTU/HR WITH A/N: 281305 BURNER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, COEN, MODEL DAF-36, WITH LOW NOX BURNER, 2 TOTAL; 340 MMBTU/HR	D1239	C1241	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 10.1 LBS/HR (4) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 0.01 LBS/MMBTU (4) [**RULE 2005, 5-6-2005**]; **NOX**: 0.2 LBS/MMBTU NATURAL GAS (8) [**40CFR 60 Subpart Db, 1-28-2009**]; **PM**: 0.01 GRAINS/SCF (5A) [**RULE 476, 10-8-1976**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 5.3 LBS/HR (4) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **PM**: 11 LBS/HR (5B) [**RULE 476, 10-8-1976**]; **ROG**: 1.77 LBS/HR (5) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **SO2**: 20 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008**]	A327.2, B61.1, C1.14, D29.2, D328.1, E193.16, H23.13, H23.19
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER 30F-2 A/N: 281302	C1241	D1239		**NH3**: 20 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	D12.2, D12.8, D28.11, E71.7, K40.3
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 281305	D2009			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 2: ANHYDROUS AMMONIA STORAGE AND VAPORIZATION					

* (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 16: STEAM GENERATION PROCESS					
STORAGE TANK, PRESSURIZED, 30C-3, ANHYDROUS AMMONIA, WITH PRV VENT TO ATMOSPHERE SET TO AT LEAST 265 PSIG, 1000 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 13 FT WITH A/N: 468906 EVAPORATOR, 30E-5, AMMONIA, ELECTRIC HEATED	D2341				E71.12, K67.13
System 3: FUEL GAS FILTER SEPARATORS					S13.2, S15.15, S31.5
KNOCK OUT POT, 30C-4, FUEL GAS MIX, COMMON TO BOILERS 30F-1 & 30F-2, HEIGHT: 8 FT 9 IN; DIAMETER: 3 FT 6 IN A/N: 422177	D2418				
FILTER, SEPARATOR, 30J-3, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL, FOR STORAGE OF THE REMOVED LIQUID, SERVES BOILER 30F-1, HEIGHT: 6 FT 11 IN; DIAMETER: 1 FT A/N: 422177	D2419				
FILTER, SEPARATOR, 30J-4, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL, FOR STORAGE OF THE REMOVED LIQUID, SERVES BOILER 30F-2, HEIGHT: 6 FT 11 IN; DIAMETER: 1 FT A/N: 422177	D2420				

* (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 16: STEAM GENERATION PROCESS					
FILTER, SEPARATOR, 75J-7, REFINERY FUEL GAS, VESSEL TYPE, WITH A LOWER BARREL, FOR STORAGE OF THE REMOVED LIQUID, SERVES BOILER 75F-1 A/N: 422935	D2421				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422177	D2422			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 17: PETROLEUM MISCELLANEOUS PROCESSES					
System 2: JET FUEL FINISHING SYSTEM					
PUMP, 55G-88, JET SHIPPING, 100 HP A/N: 280595	D1681				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280595	D1877			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: EMERGENCY FIRE-WATER SUPPLY SYSTEM					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-6, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH TURBOCHARGER, 510 HP A/N: 219444	D955		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-8, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH TURBOCHARGER, 510 HP A/N: 219446	D957		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1

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(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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM MISCELLANEOUS PROCESSES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-4, DIESEL FUEL, CUMMINS, MODEL NT-855-F1, WITH AFTERCOOLER, TURBOCHARGER, 250 HP A/N: 178647	D959		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 BBLS DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 BBLS DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 67J-7, DIESEL FUEL, CATERPILLAR, MODEL #3408, WITH AFTERCOOLER, TURBOCHARGER, 510 HP A/N: 219445	D961		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL NT-855-F1, SERIAL NO. 10470524, 285 BHP A/N: 192385	D1500		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (3) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CATERPILLAR, MODEL 3406C DITA, 460 BHP A/N: 364686	D1785		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO**: 2.5 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1) -BACT, 5-10-1996**]; **NOX**: 6.9 GRAM/BHP-HR DIESEL (4) [**RULE 2005, 5-6-2005**]; **NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 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**]; **SO2**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]; **VOC**: 1 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	B61.2, C1.15, C1.69, D12.4, D135.1, K67.1

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(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
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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: PETROLEUM MISCELLANEOUS PROCESSES					
System 4: RESID RECIRCULATION					
HEATER, RESID RECIRCULATION, 50F-1, INFREQUENTLY OPERATED, NATURAL GAS, REFINERY GAS, WITH 5 S-6 GAS BURNER, 12 MMBTU/HR WITH A/N: 455159 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 3 TOTAL; 12 MMBTU/HR	D833		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**: 40 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**]	B61.3, D90.12, D328.1, E193.16, E318.1, H23.13
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 455159	D2377			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: REFINERY FUEL GAS SYSTEM					S13.2, S15.1
VESSEL, 64C-4, FUEL GAS MIX, HEIGHT: 10 FT ; DIAMETER: 10 FT A/N: 314183	D838				
FILTER, REFINERY FUEL GAS, OFF PLOT, 11 TOTAL, HEIGHT: 6 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 314183	D868				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 314183	D869				H23.34
ABSORBER, 53C-19, EDISON DRYERS A/N: 314183	D1675				

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(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
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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: PETROLEUM MISCELLANEOUS PROCESSES					
ABSORBER, 53C-20, EDISON DRYERS A/N: 314183	D1676				
System 6: EMERGENCY POWER GENERATION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 24J-06, DIESEL FUEL, CATERPILLAR, MODEL 3306DI, WITH AFTERCOOLER, TURBOCHARGER, 345 HP A/N: 273519	D394		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 29J-5, DIESEL FUEL, CATERPILLAR, MODEL 3306 DJ, CATERPILLAR, WITH AFTERCOOLER, TURBOCHARGER, 245 HP A/N: 316831	D1686		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1

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(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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM MISCELLANEOUS PROCESSES					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, GENERAC CORPOARATION, MODEL 40DTA-SD075, WITH AFTERCOOLER, TURBOCHARGER, 114 BHP A/N: 366928	D1786		NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**CO**: 0.78 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1) -BACT, 5-10-1996**]; **NOX**: 5.884 GRAM/BHP-HR DIESEL (4) [**RULE 2005, 5-6-2005**]; **NOX**: 469 LBS/1000 GAL DIESEL (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]; **PM**: 0.328 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **SOX**: 0.184 GRAM/BHP-HR DIESEL (4) [**RULE 2005, 5-6-2005**]; **SOX**: 6.24 LBS/1000 GAL DIESEL (1) [**RULE 2011, 5-6-2005**]; **VOC**: 0.648 GRAM/BHP-HR DIESEL (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]	B61.2, C1.15, C1.70, D12.4, D135.1, K67.1
System 7: PROPANE TRANSFER FACILITY					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 225029	D1888			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 8: Odorizing System Serving LPG Rail Car and Tank Truck Rack					S15.1, S15.2
TANK, HOLDING, 64C-5, ODORANT, 250 GALS; DIAMETER: 2 FT 6 IN; LENGTH: 7 FT 10 IN A/N: 391812	D2195				E144.1
TANK, HOLDING, 52C-107, ETHYL MERCAPTAN, SERVING LPG TANK TRUCK RACK, 500 GALS; DIAMETER: 3 FT 1.4 IN; LENGTH: 9 FT 11 IN A/N: 391813	D2196				E144.1

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(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

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: PETROLEUM MISCELLANEOUS PROCESSES					
TANK, HOLDING, 51C-111, ETHYL MERCAPTAN, 250 GALS; DIAMETER: 2 FT 6 IN; LENGTH: 7 FT 10 IN A/N: 391814	D2197				E144.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 391812	D1889				H23.34
System 11: PRODUCT TRANSFERRING					S15.1, S15.2
KNOCK OUT POT, 30C-22 A/N: 280595	D1598				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280595	D1890			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 12: SLUDGE TRANSFER ODOR CONTROL					
CARBON ADSORBER, 55-GALLON DRUM, SERVING VACUUM TRUCK AT API SEPARATOR A/N: 380822	C1729				E71.5
System 13: FUEL STORAGE AND DISPENSING					
STORAGE TANK, 80D-6, MOTOR GASOLINE, 2000 GALS; DIAMETER: 6 FT ; LENGTH: 10 FT A/N: 381031	D963				C1.35, E193.1, J109.1
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, 2 TOTAL A/N: 381031	D965				D182.1, D182.2, D330.1, E193.1, J110.1, J373.1
PIT, PHASE II VAPOR RECOVERY LINE CONDENSATE TRAP A/N: 381031	D966				

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(5) (5A) (5B) Denotes command and control emission limit
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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: PETROLEUM MISCELLANEOUS PROCESSES					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 381031	D2010			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 17: SUMP, COVERED & CONTROLLED					
SUMP, NO. 1 PUMP PAD, WIDTH: 9 FT 11 IN; DEPTH: 11 FT 4 IN; LENGTH: 9 FT 11 IN A/N: 361854	D1783	C1784			
TANK, WITH 6075 GALLON FLEXIBLE CONTAINMENT BLADDER, LENGTH: 16 FT 2 IN; DIAMETER: 8 FT A/N: 361852	C1784	D1783			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 361854	D1794			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 18: ELECTRICITY GENERATION					
System 1: COGENERATION SYSTEM					S15.1, S31.2
TURBINE, 24J-01, COGENERATION SYSTEM, BUTANE, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, GE MODEL 52614P, DRIVING A 22.83 MW GENERATOR, 316 MMBTU/HR A/N:	D926	D925	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **NOX**: 210 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (5) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5A) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **SO2**: 20 PPMV (8A) [**40CFR 60 Subpart J, 6-24-2008**]; **SO2**: 150 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]	A327.1, B61.6, D82.3, H23.15

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(5) (5A) (5B) Denotes command and control emission limit
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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 18: ELECTRICITY GENERATION					
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 298671	D1811			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 19: AIR POLLUTION CONTROL PROCESS					
System 1: REFINERY EMERGENCY RELIEF SYSTEM					S13.2, S18.1
FLARE, ELEVATED WITH STEAM INJECTION, WEST, 65F-3, HEIGHT: 200 FT ; DIAMETER: 4 FT A/N: INACTIVE	C891			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.5, D12.6, D323.2, E193.2, H23.13, H23.35
FLARE, ELEVATED WITH STEAM INJECTION, EAST, 65F-4, HEIGHT: 200 FT ; DIAMETER: 4 FT A/N: 471344	C892			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.5, D12.6, D323.2, E193.2, H23.13, H23.35
FLARE, GROUND FLARE, ZTOF 65F-8, NO. 2, EMERGENCY, PRIMARY, AUTOMATIC STEAM CONTROLS, JOHN ZINK, FOUR STAGE, HEIGHT: 125 FT ; DIAMETER: 42 FT A/N:	C894			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.5, D12.10, D323.2, E193.2, H23.13, H23.35
KNOCK OUT POT, WEST ELEVATED FLARE, 65C-7, FLARE STACK BASE, HEIGHT: 25 FT ; DIAMETER: 12 FT A/N: 431863	D895				
KNOCK OUT POT, EAST ELEVATED FLARE, 65C-8, FLARE STACK BASE, HEIGHT: 33 FT ; DIAMETER: 12 FT A/N: 471344	D896				

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19: AIR POLLUTION CONTROL PROCESS					
KNOCK OUT POT, FLARE, 65C-17, (H2S), OUT OF SERVICE, HEIGHT: 22 FT ; DIAMETER: 7 FT A/N: 364405	D897				
TANK, FLARE, 65C-21, HIGH PRESSURE SURGE, HEIGHT: 64 FT 4 IN; DIAMETER: 10 FT A/N: 364405	D898				
TANK, FLARE, 65C-22, LOW PRESSURE SURGE, HEIGHT: 64 FT 4 IN; DIAMETER: 10 FT A/N: 364405	D899				
KNOCK OUT POT, STANDBY FLARE, 65C-2, OUT OF SERVICE, LENGTH: 40 FT ; DIAMETER: 10 FT 2 IN A/N: 364405	D1383				
POT, 65C-14, PRIMARY SEAL MOLECULAR SEAL, HEIGHT: 14 FT 6 IN; DIAMETER: 6 FT A/N: 364405	D1384				
KNOCK OUT POT, FLARE, 65C-19, (HYDROCARBON), HEIGHT: 76 FT ; DIAMETER: 10 FT A/N: 364405	D1591				
KNOCK OUT POT, FLARE, 65C-20, (HYDROCARBON), HEIGHT: 76 FT ; DIAMETER: 10 FT A/N: 364405	D1592				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 364405	D1891			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

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(5) (5A) (5B) Denotes command and control emission limit
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(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 19: AIR POLLUTION CONTROL PROCESS					
System 3: Coker Offgas/Central Vapor Recovery Compressor System					S7.5, S13.2, S15.1, S15.14, S18.8
COMPRESSOR, COKER OFF-GAS, 22K-32, 4500 HP MOTOR DRIVER A/N: 471345	D980				H23.34
COMPRESSOR, 22K-36, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N: 471345	D981				E71.6, H23.34
COMPRESSOR, 22K-37, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D982				E71.6, H23.34
COMPRESSOR, 22K-38, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D983				E71.6, H23.34
COMPRESSOR, 22K-39, VAPOR RECOVERY GAS, RECIPROCATING, 1500 HP MOTOR A/N:	D984				E71.6, H23.34
COMPRESSOR, 22K-40, COKER BLOWDOWN GAS, RECIPROCATING, 1500 HP MOTOR A/N: 465674	D985				H23.34
COMPRESSOR, 22K-41, COKER BLOWDOWN GAS, RECIPROCATING, 1500 HP MOTOR A/N: 465674	D986				H23.34
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 465674	D1892			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34

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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: AIR POLLUTION CONTROL PROCESS					
System 5: EAST BUTANE REFRIGERATION SYSTEM					
ACCUMULATOR, BUTANE, LENGTH: 8 FT ; DIAMETER: 3 FT A/N: 422367	D1555				
COMPRESSOR, 55K-1, FULLER MODEL CB30, ELECTRIC MOTOR, 15 HP, 60,000 CU.FT./DAY, WITH NITROGEN BARRIER FLUID SEAL SYSTEM A/N: 422367	D1556				H23.34
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422367	D2378			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 6: CLEAN SERVICE FLARE SYSTEM					
KNOCK OUT POT, 55C-2, CLEAN SERVICE FLARE A/N: 386647	D1557	C1558			
FLARE, 55F-1, CLEAN SERVICE, JOHN ZINK, MODEL STF-S-10 A/N: 386647	C1558	D1557 D1559		**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.5, D12.6, D323.1, E193.2, H23.13, H23.35
KNOCK OUT POT, 55C-18, LENGTH: 20 FT ; DIAMETER: 5 FT A/N: 386647	D1559	C1558			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 386647	D2379			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 7: WEST BUTANE REFRIGERATION SYSTEM					S13.2
COMPRESSOR, 200 HP, 2 TOTAL A/N: A86996	D1939				H23.34

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 19: AIR POLLUTION CONTROL PROCESS					
ACCUMULATOR, BUTANE, 50 CU. FT CAPACITY A/N: A86996	D1940				
CONDENSER, SERVING TANK 500X1 A/N: A86996	D1382				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: A86996	D2380			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 20: GASOLINE BLENDING					P13.1
System 1: IN-LINE GASOLINE BLENDING					
TANK, 56C-10, PROTO FUEL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 257498	D1639				
TANK, 56C-11, PROTO FUEL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 257498	D1640				
TANK, 56C-12, PROTO FUEL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 257498	D1641				
TANK, 56C-13, PROTO FUEL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 257498	D1642				
TANK, 56C-14, PROTO FUEL, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 257498	D1643				
TANK, 55D-10, ADDITIVE FEED, 500 BBL A/N: 257498	D1644				
TANK, 55D-11, ADDITIVE FEED, 500 BBL A/N: 257498	D1645				

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(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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EXXONMOBIL OIL CORPORATION

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 20: GASOLINE BLENDING					P13.1
TANK, 56D-12, EXCESS FUEL UNDERGROUND, 280 GALS A/N: 257498	D1646				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 257498	D1895			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 21: R-219 Exempt Equipment Subject to Source-Specific Rules					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E1899				H23.7
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E1900				H23.7
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E1901				H23.8
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E1902				H23.26
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E1904			**VOC**: (9) [**RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORABLE, ARCHITECTURAL COATINGS	E1905			**VOC**: (9) [**RULE 1113, 11-8-1996;** *RULE 1113, 7-13-2007;* **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	K67.3
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT	E2022			**VOC**: (9) [**RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	H23.27
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E1906				H23.9

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(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 21: R-219 Exempt Equipment Subject to Source-Specific Rules					
RULE 219 EXEMPT EQUIPMENT, LAMINATING EQUIPMENT, LOW USE OR EMISSIONS	E2020			**VOC**: (9) [**RULE 1168, 10-3-2003; RULE 1168, 1-7-2005; RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	H23.29
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
System 2: 42 S/T, Top Layer GW/Free Hydrocarbon Products Recovery					S4.2
STORAGE TANK, FIXED ROOF, #1, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404816	D2027	C2028		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404816	C2028	D2027			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #2, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404817	D2029	C2033		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404817	C2033	D2029			D90.5, D94.1, E128.1, E153.1

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(5) (5A) (5B) Denotes command and control emission limit
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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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #3, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404819	D2030	C2034		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404819	C2034	D2030			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #4, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404820	D2031	C2035		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404820	C2035	D2031			D90.5, D94.1, E128.1, E153.1

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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #5, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404821	D2032	C2036		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404821	C2036	D2032			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #6, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404822	D2037	C2051		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404822	C2051	D2037			D90.5, D94.1, E128.1, E153.1

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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #7, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404823	D2038	C2052		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404823	C2052	D2038			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #8, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404825	D2039	C2053		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404825	C2053	D2039			D90.5, D94.1, E128.1, E153.1

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(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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #9, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404826	D2040	C2054		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404826	C2054	D2040			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #10, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404827	D2041	C2055		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404827	C2055	D2041			D90.5, D94.1, E128.1, E153.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #11, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404828	D2042	C2056		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404828	C2056	D2042			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #12, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404829	D2043	C2057		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404829	C2057	D2043			D90.5, D94.1, E128.1, E153.1

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(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #13, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404832	D2044	C2058		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404832	C2058	D2044			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #14, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404833	D2045	C2059		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404833	C2059	D2045			D90.5, D94.1, E128.1, E153.1

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #15, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404834	D2046	C2060		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404834	C2060	D2046			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #16, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404835	D2047	C2061		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404835	C2061	D2047			D90.5, D94.1, E128.1, E153.1

* (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #17, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404837	D2048	C2062		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404837	C2062	D2048			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #18, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404839	D2049	C2063		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404839	C2063	D2049			D90.5, D94.1, E128.1, E153.1

* (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #19, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404841	D2050	C2064		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404841	C2064	D2050			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #20, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404842	D2065	C2068		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404842	C2068	D2065			D90.5, D94.1, E128.1, E153.1

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #21, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404843	D2066	C2069		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404843	C2069	D2066			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #22, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404844	D2067	C2070		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404844	C2070	D2067			D90.5, D94.1, E128.1, E153.1

* (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.)
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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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #23, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404845	D2071	C2072		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404845	C2072	D2071			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #24, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404847	D2073	C2079		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404847	C2079	D2073			D90.5, D94.1, E128.1, E153.1

* (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.)
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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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #25, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404848	D2074	C2080		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404848	C2080	D2074			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #26, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404849	D2075	C2081		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404849	C2081	D2075			D90.5, D94.1, E128.1, E153.1

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(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #27, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404850	D2076	C2082		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404850	C2082	D2076			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #28, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404851	D2077	C2083		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404851	C2083	D2077			D90.5, D94.1, E128.1, E153.1

* (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #29, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 3 FT ; LENGTH: 4 FT 5 IN A/N: 404853	D2078	C2084		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404853	C2084	D2078			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #30, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404854	D2085	C2086		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404854	C2086	D2085			D90.5, D94.1, E128.1, E153.1

* (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #31, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404855	D2087	C2093		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404855	C2093	D2087			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #32, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404856	D2088	C2094		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404856	C2094	D2088			D90.5, D94.1, E128.1, E153.1

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #33, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404858	D2089	C2095		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404858	C2095	D2089			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #34, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404859	D2090	C2096		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404859	C2096	D2090			D90.5, D94.1, E128.1, E153.1

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #35, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404860	D2091	C2097		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404860	C2097	D2091			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #36, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404862	D2092	C2098		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404862	C2098	D2092			D90.5, D94.1, E128.1, E153.1

* (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
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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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #37, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404863	D2099	C2105		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404863	C2105	D2099			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #38, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404864	D2100	C2106		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404864	C2106	D2100			D90.5, D94.1, E128.1, E153.1

* (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
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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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #39, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404865	D2101	C2107		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404865	C2107	D2101			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #40, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404866	D2102	C2108		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404866	C2108	D2102			D90.5, D94.1, E128.1, E153.1

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
STORAGE TANK, FIXED ROOF, #41, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404868	D2103	C2109		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404868	C2109	D2103			D90.5, D94.1, E128.1, E153.1
STORAGE TANK, FIXED ROOF, #42, PORTABLE, BOTTOM FILLING, TOP LAYER GROUNDWATER (FREE HYDROCARBON PRODUCT), EXTRACTED FROM WELL UTILIZING A SKIMMER PUMP, 240 GALS; DIAMETER: 2 FT 10 IN; LENGTH: 5 FT 2 IN A/N: 404869	D2104	C2110		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	C1.63
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404869	C2110	D2104			D90.5, D94.1, E128.1, E153.1

* (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
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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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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1	1	1	1
D2	1	1	1
D3	2	1	2
D4	4	1	4
D5	1	1	1
D6	2	1	2
D21	4	1	4
D22	4	1	4
D23	1	1	1
D35	2	1	2
D42	113	15	3
D57	6	2	1
D58	6	2	1
D59	6	2	1
D60	7	2	1
D61	7	2	1
D62	7	2	1
D63	7	2	1
D64	7	2	1
D65	7	2	1
D66	7	2	1
D68	7	2	1
D71	8	2	1
D83	12	2	6
D84	12	2	6
D85	13	2	6
D86	8	2	2
D87	8	2	2
D88	8	2	2
D89	8	2	2
D90	8	2	2
D91	8	2	2
D92	8	2	2
D93	8	2	2
D94	9	2	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D95	9	2	2
D96	9	2	2
D97	9	2	2
D98	9	2	2
D116	9	2	2
D119	9	2	2
D120	13	2	6
D121	9	2	2
D129	10	2	3
D130	11	2	3
D137	11	2	4
D138	11	2	4
D141	11	2	5
D142	11	2	5
D143	12	2	5
D151	18	3	1
D152	23	3	5
D153	23	3	5
D154	24	3	5
D155	17	3	1
D156	17	3	1
D163	24	3	5
C164	21	3	2
C165	21	3	2
C166	21	3	2
D167	22	3	3
D168	22	3	3
D169	25	4	1
D170	26	4	1
D171	26	4	1
D172	26	4	1
D173	26	4	1
D174	26	4	1
D175	26	4	1
D176	26	4	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D177	26	4	1
D178	27	4	1
D188	27	4	1
D189	27	4	1
D190	27	4	1
D191	27	4	1
D192	27	4	1
D193	27	4	1
D194	27	4	1
D196	27	4	1
D197	28	4	1
D198	28	4	1
D200	28	4	1
D201	28	4	1
D202	28	4	1
D206	28	4	1
D221	28	4	1
D224	28	4	1
D225	28	4	1
D227	29	4	1
D228	29	4	1
D229	29	4	1
D230	29	4	1
D231	30	4	2
D232	30	4	2
C233	30	4	2
D234	31	4	2
D235	31	4	2
C236	31	4	2
D237	39	5	1
D238	39	5	1
D239	39	5	1
D240	39	5	1
D241	39	5	1
D242	39	5	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D243	39	5	1
D244	39	5	1
D245	39	5	1
D246	40	5	1
D247	40	5	1
D248	40	5	1
D269	34	4	4
D271	40	5	2
D272	40	5	2
D273	40	5	2
D274	40	5	2
D275	41	5	2
D276	41	5	2
D277	41	5	2
D278	41	5	2
D300	41	5	2
C301	43	5	5
D302	32	4	3
D303	32	4	3
D304	32	4	3
D305	32	4	3
D306	32	4	3
D307	32	4	3
D308	32	4	3
D309	33	4	3
D312	33	4	3
D313	33	4	3
D314	33	4	3
D329	33	4	3
D330	33	4	3
D331	34	4	3
D344	43	6	1
D345	43	6	1
D346	44	6	1
D348	44	6	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D349	44	6	1
D350	44	6	1
D351	44	6	1
D352	44	6	1
D355	44	6	1
D356	44	6	1
D357	44	6	1
D358	44	6	1
D360	45	6	1
D367	47	6	3
D368	46	6	2
D369	45	6	2
D370	46	6	2
D371	45	6	2
D372	46	6	2
D385	45	6	2
D386	46	6	2
D387	46	6	2
D390	45	6	2
D392	46	6	2
D394	150	17	6
C395	49	6	4
D396	50	7	1
D397	50	7	1
D398	50	7	1
D399	50	7	1
D400	50	7	1
D401	50	7	1
D402	50	7	1
D403	50	7	1
D404	50	7	1
D411	51	7	1
D412	51	7	1
D413	51	7	1
D425	51	7	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D426	51	7	1
D427	51	7	1
D428	51	7	1
D437	52	7	1
D448	56	8	1
D449	56	8	1
D450	56	8	1
D452	56	8	1
D453	56	8	1
D454	57	8	1
D455	57	8	1
D458	57	8	1
D459	57	8	1
D460	57	8	1
D461	57	8	1
D464	57	8	1
D465	57	8	1
D466	58	8	1
D467	58	8	1
D468	58	8	1
D469	58	8	1
D471	58	8	1
D472	58	8	1
D473	58	8	1
D474	58	8	1
D475	58	8	1
D479	68	9	6
D480	59	8	2
D481	59	8	2
D482	62	9	1
D483	62	9	1
D484	63	9	1
D485	63	9	1
D486	63	9	1
D487	63	9	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D488	63	9	1
D489	63	9	1
D490	63	9	1
D491	63	9	1
D492	63	9	1
D493	64	9	1
D494	64	9	1
D495	64	9	1
D496	64	9	1
D497	64	9	1
D498	65	9	2
D499	65	9	2
D500	65	9	2
D501	65	9	2
D502	65	9	2
D503	66	9	2
D504	66	9	2
D505	66	9	2
D506	66	9	2
D507	66	9	2
D508	66	9	2
D509	66	9	2
D525	66	9	2
D542	66	9	2
D543	67	9	2
D557	34	4	5
D558	35	4	5
D559	35	4	5
D560	35	4	5
D561	35	4	5
D562	35	4	5
D563	35	4	5
D564	35	4	5
D565	35	4	5
D567	35	4	5

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Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D568	36	4	5
D569	36	4	5
D570	36	4	5
D571	36	4	5
D572	36	4	5
D574	36	4	5
D575	36	4	5
D576	37	4	5
D579	68	11	1
D580	68	11	1
D581	68	11	1
D582	68	11	1
D583	69	11	1
D584	69	11	1
D585	69	11	1
D586	69	11	1
D587	69	11	1
D588	70	11	2
D589	70	11	2
D590	70	11	2
D594	69	11	1
D595	69	11	1
D603	76	11	8
D606	76	11	8
D608	76	11	8
D609	76	11	8
D610	77	11	8
D612	74	11	5
D613	74	11	5
D614	74	11	5
D615	74	11	5
D616	74	11	5
D617	74	11	5
C626	86	13	8
D627	75	11	6

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D628	75	11	6
D629	75	11	6
D630	75	11	6
D631	75	11	6
D632	75	11	7
D633	75	11	7
D636	77	11	9
D637	77	11	9
D638	77	11	9
D639	78	11	10
D640	78	11	10
D642	78	11	11
D643	78	11	11
D644	86	13	6
D651	79	12	1
D652	81	12	2
D653	83	12	3
D655	83	12	3
D657	76	11	7
D661	83	12	3
D663	79	12	1
D664	81	12	2
D666	79	12	1
D667	80	12	1
D668	81	12	1
D669	81	12	2
D670	82	12	2
D671	82	12	2
D675	84	13	1
D680	87	14	1
D681	87	14	1
D683	87	14	1
D684	88	14	1
D685	88	14	1
C686	89	14	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
C687	89	14	2
D688	88	14	2
D689	88	14	1
D690	89	15	1
D691	89	15	1
D692	89	15	1
D693	90	15	1
D694	90	15	1
D695	90	15	1
D696	90	15	1
D697	90	15	1
D698	90	15	1
D699	90	15	1
D700	91	15	1
D701	132	15	6
D702	91	15	1
D703	96	15	2
D704	91	15	1
D705	88	14	1
D706	91	15	1
D708	91	15	1
D711	91	15	1
D712	91	15	1
D713	91	15	1
D714	92	15	1
D715	92	15	1
D716	92	15	1
D718	92	15	1
D719	92	15	1
D720	92	15	1
D721	92	15	1
D722	92	15	1
D724	93	15	1
D725	96	15	2
D726	93	15	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D727	93	15	1
D728	93	15	1
D729	118	15	6
D730	97	15	2
D731	97	15	2
D732	98	15	2
D733	98	15	2
D734	138	15	6
D735	138	15	6
D736	99	15	2
D737	99	15	2
D738	100	15	2
D739	100	15	2
D740	133	15	6
D741	101	15	2
D742	137	15	6
D743	137	15	6
D744	119	15	6
D745	132	15	6
D746	131	15	6
D747	120	15	6
D748	101	15	2
D749	102	15	2
D750	102	15	2
D751	103	15	2
D752	121	15	6
D753	122	15	6
D754	123	15	6
D755	130	15	6
D756	131	15	6
D757	128	15	6
D758	133	15	6
D759	139	15	6
D760	139	15	6
D761	136	15	6

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Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D762	136	15	6
D763	135	15	6
D764	129	15	6
D765	103	15	2
D766	104	15	2
D767	104	15	2
D768	124	15	6
D769	105	15	2
D770	105	15	2
D771	106	15	2
D772	106	15	2
D773	107	15	2
D774	107	15	2
D775	134	15	6
D776	125	15	6
D777	129	15	6
D778	126	15	6
D779	127	15	6
D780	112	15	3
D781	113	15	3
D782	113	15	3
D783	113	15	3
D784	113	15	3
D785	113	15	3
D786	113	15	3
D787	114	15	3
D788	114	15	3
D789	114	15	3
D790	114	15	3
D791	114	15	3
D792	114	15	3
D793	114	15	3
D794	114	15	3
D795	115	15	3
D796	115	15	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D797	115	15	3
D798	115	15	3
D799	115	15	3
D800	115	15	3
D801	115	15	3
D802	116	15	3
D803	143	16	1
D805	143	16	1
D830	108	15	2
D831	108	15	2
D832	108	15	2
D833	149	17	4
D838	149	17	5
D868	149	17	5
D869	149	17	5
C891	154	19	1
C892	154	19	1
C894	154	19	1
D895	154	19	1
D896	154	19	1
D897	155	19	1
D898	155	19	1
D899	155	19	1
D913	4	1	6
D914	5	1	6
D915	93	15	1
C916	5	1	6
D917	14	2	6
D918	14	2	6
D919	11	2	3
D920	23	3	4
D922	42	5	4
C923	42	5	4
D924	42	5	5
D925	48	6	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D926	153	18	1
D927	53	7	2
D928	53	7	2
D929	54	7	2
D930	55	7	2
D931	55	7	2
D933	61	8	6
D934	61	8	6
D935	61	8	6
D936	61	8	6
D937	62	8	7
D939	62	8	8
C940	62	8	8
D947	61	8	7
D949	37	4	6
D950	38	4	6
C952	84	12	5
D955	147	17	3
D957	147	17	3
D959	148	17	3
D961	148	17	3
D963	152	17	13
D965	152	17	13
D966	152	17	13
D980	156	19	3
D981	156	19	3
D982	156	19	3
D983	156	19	3
D984	156	19	3
D985	156	19	3
D986	156	19	3
S1010	31	4	2
D1192	60	8	5
D1193	60	8	5
D1194	61	8	5

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Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1195	67	9	5
D1196	67	9	5
D1202	33	4	3
D1203	46	6	2
D1204	33	4	3
D1206	64	9	1
D1207	64	9	1
D1208	67	9	2
D1209	67	9	2
D1210	67	9	2
D1220	130	15	6
D1236	144	16	1
C1238	144	16	1
D1239	145	16	1
C1241	145	16	1
D1244	34	4	3
D1250	3	1	3
D1256	29	4	1
D1260	29	4	1
D1264	45	6	1
D1265	45	6	1
D1266	46	6	2
D1269	52	7	1
D1276	52	7	1
D1277	52	7	1
D1278	52	7	1
D1279	52	7	1
D1280	52	7	1
D1287	64	9	1
D1298	65	9	1
D1299	65	9	1
D1303	67	9	2
D1311	70	11	2
D1314	71	11	3
D1316	78	11	12

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1318	71	11	3
D1320	78	11	12
D1322	78	11	12
D1324	79	11	12
D1326	71	11	3
D1328	79	11	12
D1330	79	11	12
D1333	71	11	3
D1335	71	11	3
D1341	79	11	12
D1366	83	12	3
D1368	83	12	3
D1375	84	12	6
D1376	88	14	2
D1377	88	14	2
D1379	116	15	3
D1382	158	19	7
D1383	155	19	1
D1384	155	19	1
D1403	54	7	2
D1417	93	15	1
D1418	116	15	3
D1419	94	15	1
D1425	95	15	1
D1428	94	15	1
D1437	94	15	1
D1439	116	15	3
D1470	84	13	2
D1474	85	13	5
D1475	85	13	5
D1500	148	17	3
D1511	19	3	1
D1520	85	13	4
D1526	85	13	3
D1527	85	13	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1552	52	7	1
D1554	141	15	7
D1555	157	19	5
D1556	157	19	5
D1557	157	19	6
C1558	157	19	6
D1559	157	19	6
D1560	86	13	5
C1561	86	13	5
D1589	18	3	1
C1590	20	3	2
D1591	155	19	1
D1592	155	19	1
D1598	152	17	11
D1636	18	3	1
D1639	158	20	1
D1640	158	20	1
D1641	158	20	1
D1642	158	20	1
D1643	158	20	1
D1644	158	20	1
D1645	158	20	1
D1646	159	20	1
D1651	59	8	3
D1652	59	8	3
D1653	59	8	3
D1654	60	8	3
D1655	60	8	3
D1659	60	8	3
D1660	60	8	3
D1661	60	8	4
D1675	149	17	5
D1676	150	17	5
D1681	147	17	2
D1685	94	15	1

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1686	150	17	6
C1729	152	17	12
S1731	5	1	6
S1732	48	6	3
S1739	20	3	1
D1740	24	3	5
D1741	37	4	5
D1742	37	4	5
D1743	109	15	2
D1747	110	15	2
D1751	111	15	2
D1755	112	15	2
D1763	117	15	5
S1766	86	13	8
D1773	87	14	1
D1775	88	14	2
D1783	153	17	17
C1784	153	17	17
D1785	148	17	3
D1786	151	17	6
D1787	95	15	1
D1788	2	1	1
D1789	5	1	6
D1790	8	2	1
D1791	9	2	2
D1792	11	2	4
D1793	12	2	5
D1794	153	17	17
D1800	20	3	1
D1803	29	4	1
D1805	32	4	2
D1807	48	6	3
D1808	40	5	1
D1809	41	5	2
D1810	34	4	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1811	154	18	1
D1815	45	6	1
D1819	52	7	1
D1825	59	8	1
D1826	62	8	7
D1827	60	8	3
D1828	60	8	4
D1829	68	9	5
D1830	65	9	1
D1831	67	9	2
D1834	37	4	5
D1838	70	11	2
D1839	77	11	8
D1840	74	11	5
D1842	72	11	3
D1844	87	13	8
D1845	75	11	6
D1847	86	13	6
D1849	81	12	1
D1850	82	12	2
D1851	84	12	3
D1853	84	12	5
D1860	88	14	1
D1862	94	15	1
D1863	112	15	2
D1864	116	15	3
D1865	117	15	5
D1877	147	17	2
D1888	151	17	7
D1889	152	17	8
D1890	152	17	11
D1891	155	19	1
D1892	156	19	3
D1895	159	20	1
D1897	94	15	1

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Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1898	95	15	1
E1899	159	21	0
E1900	159	21	0
E1901	159	21	0
E1902	159	21	0
E1904	159	21	0
E1905	159	21	0
E1906	159	21	0
D1907	88	14	1
D1909	80	12	1
D1910	80	12	1
D1911	80	12	1
D1912	80	12	1
D1913	82	12	2
D1914	82	12	2
D1915	51	7	1
D1916	140	15	7
D1917	140	15	7
D1918	140	15	7
D1919	140	15	7
D1920	140	15	7
D1924	95	15	1
D1925	95	15	1
D1926	141	15	7
D1927	141	15	7
D1928	141	15	7
D1929	141	15	7
D1930	141	15	7
D1936	46	6	2
D1937	3	1	2
D1938	89	14	2
D1939	157	19	7
D1940	158	19	7
D1942	82	12	2
D1943	82	12	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1944	80	12	1
D1945	81	12	2
D1946	83	12	3
D1947	83	12	3
D1948	84	12	3
D1949	83	12	3
S1953	84	12	5
D1955	85	13	2
D1956	85	13	4
D1957	61	8	5
S1971	47	6	3
S1972	54	7	2
S1975	55	7	2
D1983	69	11	1
D1987	76	11	7
D1988	77	11	9
D2005	116	15	3
D2007	80	12	1
D2008	81	12	2
D2009	145	16	1
D2010	153	17	13
S2018	89	14	2
S2019	89	14	2
E2020	160	21	0
S2021	47	6	3
E2022	159	21	0
D2023	142	15	7
D2024	142	15	7
D2025	142	15	7
D2026	142	15	7
D2027	160	22	2
C2028	160	22	2
D2029	160	22	2
D2030	161	22	2
D2031	161	22	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2032	162	22	2
C2033	160	22	2
C2034	161	22	2
C2035	161	22	2
C2036	162	22	2
D2037	162	22	2
D2038	163	22	2
D2039	163	22	2
D2040	164	22	2
D2041	164	22	2
D2042	165	22	2
D2043	165	22	2
D2044	166	22	2
D2045	166	22	2
D2046	167	22	2
D2047	167	22	2
D2048	168	22	2
D2049	168	22	2
D2050	169	22	2
C2051	162	22	2
C2052	163	22	2
C2053	163	22	2
C2054	164	22	2
C2055	164	22	2
C2056	165	22	2
C2057	165	22	2
C2058	166	22	2
C2059	166	22	2
C2060	167	22	2
C2061	167	22	2
C2062	168	22	2
C2063	168	22	2
C2064	169	22	2
D2065	169	22	2
D2066	170	22	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2067	170	22	2
C2068	169	22	2
C2069	170	22	2
C2070	170	22	2
D2071	171	22	2
C2072	171	22	2
D2073	171	22	2
D2074	172	22	2
D2075	172	22	2
D2076	173	22	2
D2077	173	22	2
D2078	174	22	2
C2079	171	22	2
C2080	172	22	2
C2081	172	22	2
C2082	173	22	2
C2083	173	22	2
C2084	174	22	2
D2085	174	22	2
C2086	174	22	2
D2087	175	22	2
D2088	175	22	2
D2089	176	22	2
D2090	176	22	2
D2091	177	22	2
D2092	177	22	2
C2093	175	22	2
C2094	175	22	2
C2095	176	22	2
C2096	176	22	2
C2097	177	22	2
C2098	177	22	2
D2099	178	22	2
D2100	178	22	2
D2101	179	22	2

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2102	179	22	2
D2103	180	22	2
D2104	180	22	2
C2105	178	22	2
C2106	178	22	2
C2107	179	22	2
C2108	179	22	2
C2109	180	22	2
C2110	180	22	2
D2137	2	1	2
D2138	2	1	2
D2139	2	1	2
D2140	3	1	2
D2141	3	1	2
D2142	3	1	2
D2143	3	1	2
D2144	3	1	2
D2145	3	1	3
D2146	70	11	2
D2192	70	11	2
D2193	70	11	2
D2194	2	1	1
D2195	151	17	8
D2196	151	17	8
D2197	152	17	8
D2214	71	11	3
D2215	72	11	3
D2216	72	11	3
C2219	72	11	3
D2220	72	11	4
D2221	72	11	4
D2222	72	11	4
C2223	73	11	4
D2224	73	11	4
D2225	73	11	4

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Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2226	73	11	4
D2227	73	11	4
D2228	73	11	4
C2229	73	11	4
D2230	74	11	4
D2231	74	11	4
D2232	49	6	5
C2250	61	8	6
D2255	3	1	3
D2256	4	1	3
D2257	5	1	7
D2258	6	1	7
D2259	6	1	7
D2291	14	2	7
D2292	14	2	7
D2293	15	2	7
D2294	15	2	7
D2295	15	2	7
D2296	15	2	7
D2297	15	2	7
D2298	15	2	7
D2299	16	2	8
D2300	16	2	8
D2301	16	2	8
D2302	16	2	8
D2303	16	2	8
D2305	18	3	1
D2307	19	3	1
D2309	19	3	1
D2310	19	3	1
D2311	19	3	1
D2312	19	3	1
D2313	19	3	1
C2314	20	3	2
D2316	22	3	3

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
C2317	22	3	3
D2320	23	3	4
D2321	24	3	5
D2322	24	3	5
D2323	24	3	5
D2324	24	3	6
D2325	25	3	6
D2328	25	3	7
D2329	25	3	7
D2330	25	3	7
D2331	15	2	7
D2332	15	2	7
D2333	16	2	8
D2334	16	2	8
D2335	16	2	8
D2336	6	1	8
D2339	38	4	7
D2340	38	4	7
D2341	146	16	2
D2348	43	5	6
D2366	14	2	6
D2367	23	3	4
D2368	34	4	4
D2369	38	4	6
D2370	42	5	4
D2371	43	5	5
D2372	55	7	2
D2373	59	8	2
D2374	61	8	6
D2375	139	15	6
D2376	143	15	7
D2377	149	17	4
D2378	157	19	5
D2379	157	19	6
D2380	158	19	7

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D2383	62	8	8
D2384	10	2	3
D2385	10	2	3
D2386	10	2	3
D2388	10	2	3
D2389	10	2	3
D2390	86	13	7
D2411	56	7	3
D2412	56	7	3
D2413	17	2	9
D2414	17	2	9
D2415	17	2	9
D2416	49	6	6
D2417	49	6	6
D2418	146	16	3
D2419	146	16	3
D2420	146	16	3
D2421	147	16	3
D2422	147	16	3

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE
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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
EXXONMOBIL OIL CORPORATION

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**]

F34.1 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):

40CFR79

40CFR80

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

[**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):

CONSENT DECREE CIVIL CASE No. 05 C 5809. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled

40CFR60, Subpart A

40CFR61 Subpart A

40CFR63, Subpart A

[**40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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
HAPs	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22, 23]

SYSTEM CONDITIONS

S1.2 The operator shall limit the production rate to no more than 1.4e+06 ton(s) in any one year.

The purpose(s) of this condition is to require Mobil to maintain production records on a monthly basis on site, and available for District inspection.

The purpose(s) of this condition is to limit the coke production for both North and South Delayed Coking Units at 1400000 dry tons/yr.

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S1.3 The operator shall limit the throughput to no more than 300000 barrel(s) in any one month.

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

[Systems subject to this condition : Process 13, System 9]

S1.4 The operator shall limit the throughput to no more than 1400000 ton(s) in any one year.

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

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

S1.5 The operator shall limit the throughput to no more than 8000 ton(s) in any one day.

Throughput shall be defined as coke material with a moisture content of 10 % or less

[**RULE 1303, 5-10-1996**]

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

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

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Systems subject to this condition : Process 6, System 1 , 2]

S4.1 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 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 applciations: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new 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 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 & flanges in VOC service except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may revert to quarterly inspection upon District approval, after 2 consecutive monthly inspecitons in which only 2 percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv, repair shall be attempted within 5 days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

[Systems subject to this condition : Process 3, System 1 , 5; Process 4, System 1; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 6; Process 9, System 1 , 2; Process 11, System 3 , 4; Process 23, System 1]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S4.2 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):

The operator shall monitor the groundwater extraction well caps, pumps (except submerged pump(s)), fittings, and hatches with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

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

[Systems subject to this condition : Process 22, System 2]

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

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

The operator shall monitor the pumps (except submerged pump(s)) and valves located before the liquid phase activated carbon, the groundwater extraction well caps, and process drains with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 22, System 1]

S7.2 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not operate this equipment unless the vessel receiver (10C-9), additive storage tank (10D-1) and the two steam ejectors (10H-1A/B and 10H-2A/B) are vented to a vapor recovery system whenever they are in use.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except 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), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 3]

S7.3 The following conditions shall apply to all refinery operation and related devices from this system:

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except 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), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S7.5 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified Environmental Impact Report dated 12-October-2001.

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

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 8, System 5; Process 13, System 1 , 3 , 4 , 11; Process 19, System 3]

S7.6 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not use this system to process wastewater having VOC content of 5 mg per liter or more as determined by test method specified in District Rule 1176.

[**RULE 1176, 9-13-1996**]

[Systems subject to this condition : Process 14, System 4]

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]

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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 , 7 , 8]

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 , 2 , 4 , 7; Process 2, System 1 , 2 , 4 , 5 , 9; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2 , 6; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 16, System 3; Process 17, System 5; Process 19, System 1 , 3 , 7; Process 22, System 1; Process 23, System 1]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	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 15, System 3]

S13.4 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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The operator shall comply with the terms and conditions set forth below:

VOC	District Rule	463
VOC	District Rule	1178

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

[Systems subject to this condition : Process 15, System 1 , 2 , 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	1189

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

[Systems subject to this condition : Process 6, System 1 , 2]

S13.6 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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Systems subject to this condition : Process 12, System 1 , 2]

S13.7 All devices under this system are subject to the applicable requirements of the following rules or regulations:

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EXXONMOBIL OIL CORPORATION

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX

[**RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003**]

[Systems subject to this condition : Process 13, System 3 , 4]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[**RULE 462, 5-14-1999**]

[Systems subject to this condition : Process 13, System 9]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[**RULE 1176, 9-13-1996**]

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

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463
VOC	District Rule	1149
VOC	District Rule	1178

For Rule 463 applicability, only division (d) in the 11 March 1994 amendment, or equivalent requirements in the future amendments, shall apply to the 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 15, System 6]

S13.11 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

[**RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000**]

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

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

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All emergency vent gases shall be directed to a blowdown flare system except Devices IDs D35, D1250, D2145, D57 TO D62, D71, D68, D86-D91, D98, D152, D237, D349, D360, D629, D630, D631, D657, D638, D668, D671, D1503-D1505, D1507 that vent to the atmosphere.

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

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

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

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

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

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

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

[Systems subject to this condition : Process 1, System 1 , 2; Process 2, System 4 , 5; Process 3, System 5; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2; Process 12, System 1 , 2; Process 13, System 1 , 2 , 3 , 4; Process 17, System 8 , 11]

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

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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).

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

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

[Systems subject to this condition : Process 11, System 4 , 6 , 7 , 9 , 10 , 11]

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

All vent gases under normal operating conditions shall be directed to a sulfur vapor collection system.

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

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

[Systems subject to this condition : Process 12, System 6; Process 13, System 6]

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

All vent gases under normal operating conditions shall be directed to a vapor control system.

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

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

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

[Systems subject to this condition : Process 13, System 7 , 9]

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

All vent gases under normal operating conditions shall be directed to a vapor recovery system except devices IDs 57 to 62, 71, 86 to 91, and 98 that vent to the atmosphere.

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

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

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

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

All sour gases shall be directed to the absorber located within this system.

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

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

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

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

FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

All sour gases shall be directed to the absorber located within this system or the absorber located in the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5).

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

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

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

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

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

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

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

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

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

All sour gases shall be directed to the absorber located in the Unsaturate Gas Plant (P9/S2) or the DEA Absorption System (P11/S5).

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

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

FACILITY PERMIT TO OPERATE
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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 3, System 5]

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

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

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

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

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

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

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

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

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

S15.14 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All sour gases shall be directed to the absorber located in the Fuel Gas Treating Unit (P11/S3), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

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

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

[Systems subject to this condition : Process 19, System 3]

S15.15 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to the vapor recovery system and/or flare.

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.

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

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

[Systems subject to this condition : Process 2, System 9; Process 6, System 6; Process 7, System 3; Process 9, System 6; Process 16, System 3]

S15.16 The vent gases from all affected devices of this process/system shall be vented as follows:

All blowdown water shall be directed to the vapor recovery system.

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

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EXXONMOBIL OIL CORPORATION

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

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

[Systems subject to this condition : Process 15, System 3]

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Hydrogen Production (Process: 6, System: 1, 2 & 6)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12)

Fluid Catalytic Cracking Unit (Process: 3, System: 1, 5 & 7)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1 & 3)

Air Pollution Control Process (Process: 19, System: 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3, 4 & 7)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4, 5 & 9)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3, 4 & 6)

Sulfur Production Process (Process: 12, System: 1, 2, 3 & 4)

Steam Generation Process (Process: 16, System: 3)

Electricity Generation (Process: 18, System: 1)

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 19, System 1]

S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrocracking Unit (Process: 7, System: 1)

Platinum Reformer Unit (Process: 5, System: 1 & 2)

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

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

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:

Treating/Stripping Units (Process: 11, System: 6, 7, 9, 10 & 11)

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

[Systems subject to this condition : Process 12, System 1 , 2]

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:

Sulfur Storage (Process: 12, System: 6)

Sulfur Loading (Process: 13, System: 6)

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 13, System 7]

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:

Sulfur Vapor Collection System (Process: 13, System: 7)

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

[Systems subject to this condition : Process 13, System 8]

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:

Resid Loading Sytem (Process: 13, System: 9)

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

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

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:

Wastewater Treatment System (Process: 14, System: 1)

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

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

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

S18.8 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:

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Catalyst Regeneration Process (Process: 10, System: 1)

Hydrogen Production (Process: 6, System: 1, 2 & 6)

Gasoline Blending (Process: 20, System: 1)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3 & 5)

Fluid Catalytic Cracking Unit (Process: 3, System: 1 & 5)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1 & 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3 & 4)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4, 5 & 9)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3 & 4)

Dehydrator Unit (Process: 17, System: 16)

Pressurized storage tanks (Process: 15, System: 3)

Steam Generation Process (Process: 16, System: 3)

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

[Systems subject to this condition : Process 19, System 3]

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

Sulfur Production, Claus Trains A & B (Process: 12, System: 1 & 2)

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

[Systems subject to this condition : Process 12, System 3]

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 384499, 385155, 389291, 389292, 411508, 411586, 422931, 435110, 435111 & 471343:

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

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

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

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

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

[Systems subject to this condition : Process 4, System 1 , 3; Process 6, System 2; Process 7, System 3; Process 9, System 6; Process 13, System 1 , 3 , 4 , 11; Process 18, System 1]

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 435112 & subsequent application number 475236:

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

converting AN 435112 and subsequent AN 475236 from PC to PO (Process 11, System 12):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 11, Systems 3 & 4 (ANs 422300 & 377122), which were combined with System 12 in the previously issued permit, for NSR adjustment

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

[Systems subject to this condition : Process 11, System 3 , 4 , 12]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 448496:

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

converting AN 448496 from PC to PO (Process 1, System 4):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 1, Systems 1 & 4 (ANs 431770 & 448496), which were combined with System 1 in the previously issued permit, for NSR adjustment

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

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

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 422369, 422169, 422177 & 422935:

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

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

[Systems subject to this condition : Process 2, System 9; Process 6, System 6; Process 16, System 3]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

S42.2 The operator shall not operate the FCCU unless the operator complies with the emission limits of the following rule by May 30, 2009 or 90 days from the date of start up of the FCCU from turnaround, whichever is earlier:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
NH3	District Rule	1105.1

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

1. Award contract(s) to construct and install the control technology by May 1, 2007

2. Begin construction of the control technology permitted by the AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later. These dates may be extended in writing by the Executive Officer upon request by ExxonMobil if the CEQA document is not finalized by July 1, 2007. Any such extension(s) shall not be for a period of more than five months after the original dealine listed in this paragraph.

3. Start operation of at least one (1) new ESP (i.e., either C2283 or C2284) along with two (2) existing ESPs, C165 and C166) to ensure compliance with Rule 1105.1(d)(1) by March 1, 2009 with the startup of the FCCU. If one (1) new ESP is operated, the inlet flowrate to the ESP shall not exceed 160,000 dscfm

4. Comply with all Rule 1105.1(d)(1) requirements no later than May 30, 2009, or 90 days after the startup of the FCCU, whichever is earlier

[**RULE 1105.1, 11-7-2003**]

[Systems subject to this condition : Process 3, System 1; Process 23, System 1]

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

S46.1 The following conditions shall apply to VOC service fugitive components in this system:

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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, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. 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.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that triggered BACT for VOCs issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of 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 failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing 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 with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured 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.

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

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

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Systems subject to this condition : Process 8, System 5]

DEVICE CONDITIONS

A. Emission Limits

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

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than 10 Percent opacity

The emission limit applies for discharges of duration of greater than 3 minutes in any one hour

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

[Devices subject to this condition : D129, D130, D919, D2291, D2292, D2293, D2294, D2295, D2296, D2297, D2298, D2299, D2300, D2301, D2302, D2303, D2331, D2332, D2333, D2334, D2335, D2389]

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

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

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

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

[Devices subject to this condition : D151]

A72.1 The operator shall maintain this equipment to achieve a minimum overall control efficiency of 95 percent for VOC during the normal operation of the equipment it vents.

[**RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000**]

[Devices subject to this condition : C686, C687]

A195.1 The 9 PPMV NOX emission limit(s) is averaged over 15 minutes corrected to 15% excess oxygen, dry basis.

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

[Devices subject to this condition : D925]

A327.1 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 : D926]

A327.2 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**]

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

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

[Devices subject to this condition : D803, D805, D1236, D1239]

B. Material/Fuel Type Limits

B22.1 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**]

[Devices subject to this condition : D692, D730, D747, D773, D774, D776, D778, D779]

B22.3 The operator shall only use this equipment with materials having a(n) true vapor pressure of 5.23 psia or less under actual operating conditions.

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

[Devices subject to this condition : D1763]

B22.5 The operator shall not use this equipment with materials having a(n) Reid vapor pressure of 13 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D708]

B22.8 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1 psia or greater under actual operating conditions.

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

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

[Devices subject to this condition : D751]

B22.9 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**]

[Devices subject to this condition : D716, D719]

B22.10 The operator shall not use this equipment with materials having a(n) true vapor pressure of 4 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D765]

B22.11 The operator shall not use this equipment with materials having a(n) true vapor pressure of 1.13 psia or greater under actual operating conditions.

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

[Devices subject to this condition : D1743, D1747, D1751, D1755]

B27.2 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 06-05-2009.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D167]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Finished Gasoline, Oxygenated gasoline additives, Dehexanizer overhead/bottoms, Alkylate, Light/Heavy FCC, Light/heavy hydrocracked naphtha, Reformate, Light straight run, Hydrotreated naphtha, Isooctane/isooctene, Raffinate, Cat poly gasoline, RBOB

[**RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1401, 6-5-2009]

[Devices subject to this condition : D761, D762]

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

Diesel fuel, acid soluble oil, clarified slurry oil, vacuum gas oil, light vacuum gas oil, full range vacuum gas oil, heavy vacuum gas oil, ligh cycle oil

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

[Devices subject to this condition : D702]

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

Compound	ppm by volume
total sulfur calculated as H2S less than	100

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

[Devices subject to this condition : D925, D1236, D1239]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Compound	weight percent
Sulfur less than or equal to	0.05

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

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

B61.3 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D367, D833, D913, D914, D917, D918, D920, D925, D927, D928, D929, D930, D931, D949, D950, D1403]

B61.5 The operator shall not use (or combust) vent gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The 160 ppmv limit is averaged over three hours, excluding any vent gas resulting from an emergency, shutdown, startup, process upset or relief valve leakage

[**RULE 1118, 11-4-2005**]

[Devices subject to this condition : C891, C892, C894, C1558]

B61.6 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

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

[Devices subject to this condition : D926]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the firing rate to no more than 108 MM Btu per hour.

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

[Devices subject to this condition : D920]

C1.2 The operator shall limit the firing rate to no more than 129 MM Btu per hour.

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

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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 : D930]

C1.3 The operator shall limit the firing rate to no more than 73 MM Btu per hour.

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

[Devices subject to this condition : D931]

C1.4 The operator shall limit the fuel usage to no more than 1.6 MM cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as gas usage.

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

[Devices subject to this condition : D917]

C1.5 The operator shall limit the firing rate to no more than 64 MM Btu per hour.

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

[Devices subject to this condition : D950]

C1.6 The operator shall limit the number of turnovers to no more than 146 in any one year.

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

[Devices subject to this condition : D692]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.7 The operator shall limit the number of turnovers to no more than 39 in any one year.

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

[Devices subject to this condition : D716]

C1.8 The operator shall limit the throughput to no more than 5000000 barrels in any one calendar year.

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

[Devices subject to this condition : D776]

C1.9 The operator shall limit the throughput to no more than 9250000 barrels in any one calendar year.

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

[Devices subject to this condition : D778, D779]

C1.10 The operator shall limit the number of turnovers to no more than 34 in any one year.

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

[Devices subject to this condition : D724]

C1.11 The operator shall limit the number of turnovers to no more than 41 in any one year.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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**]

[Devices subject to this condition : D773, D774]

C1.12 The operator shall limit the firing rate to no more than 931 MM Btu per hour.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005**]

[Devices subject to this condition : D925]

C1.13 The operator shall limit the number of turnovers to no more than 40 in any one year.

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

[Devices subject to this condition : D726]

C1.14 The operator shall limit the firing rate to no more than 340 MM Btu per hour.

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

[Devices subject to this condition : D1236, D1239]

C1.15 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

C1.17 The operator shall limit the throughput to no more than 1.59505e+07 barrel(s) in any one year.

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

[Devices subject to this condition : D1763]

C1.18 The operator shall limit the number of turnovers to no more than 24.5 in any one year.

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

[Devices subject to this condition : D1685]

C1.19 The operator shall limit the throughput to no more than 216720 gallon(s) per month.

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

[Devices subject to this condition : D1925]

C1.20 The operator shall limit the throughput to no more than 1000 gallon(s) per month.

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

[Devices subject to this condition : D1926]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.21 The operator shall limit the throughput to no more than 1517 gallon(s) per month.

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

[Devices subject to this condition : D1927]

C1.22 The operator shall limit the throughput to no more than 8333 gallon(s) per month.

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

[Devices subject to this condition : D1928, D1929]

C1.23 The operator shall limit the throughput to no more than 1473 gallon(s) per month.

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

[Devices subject to this condition : D1930]

C1.25 The operator shall limit the throughput to no more than 4442 gallon(s) per month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

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

[Devices subject to this condition : D1917]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.26 The operator shall limit the throughput to no more than 2000 gallon(s) per month.

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

[Devices subject to this condition : D1918]

C1.27 The operator shall limit the throughput to no more than 1474 gallon(s) per month.

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

[Devices subject to this condition : D1919]

C1.29 The operator shall limit the throughput to no more than 220000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x 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 every 15 minutes.

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 percent, 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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D742, D743]

C1.30 The operator shall limit the throughput to no more than 737000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: 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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D757]

C1.31 The operator shall limit the throughput to no more than 703500 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: 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 API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is the total vertical one-way liquid surface level travel in feet per month..

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis..

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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 .8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy..

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

[Devices subject to this condition : D1220]

C1.32 The operator shall limit the throughput to no more than 270000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 measuring 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 the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading 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, the ATLG shall be repaired.

While the ATLG is being repaired, throughput shall be determined by the hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D1743, D1747, D1751, D1755]

C1.33 The operator shall limit the throughput to no more than 145000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x 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 continously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

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 percent, 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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D734, D735]

C1.35 The operator shall limit the gasoline dispensed to no more than 45000 gallon(s) per month.

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : D963]

C1.37 The operator shall limit the number of turnovers to no more than 50 in any one year.

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

[Devices subject to this condition : D715]

C1.41 The operator shall limit the number of turnovers to no more than 26 in any one year.

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

[Devices subject to this condition : D730]

C1.42 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**]

[Devices subject to this condition : D751]

C1.44 The operator shall limit the throughput to no more than 439342 barrel(s) in any one month.

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

[Devices subject to this condition : D1924]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.45 The operator shall limit the throughput to no more than 135972 barrel(s) in any one month.

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

[Devices subject to this condition : D915]

C1.46 The operator shall limit the throughput to no more than 46666 barrel(s) in any one calendar month.

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

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

[Devices subject to this condition : D1897, D1898]

C1.48 The operator shall limit the throughput to no more than 457833 barrel(s) in any one month.

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

[Devices subject to this condition : D761, D762]

C1.49 The operator shall limit the number of turnovers to no more than 52 in any one year.

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

[Devices subject to this condition : D1787]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.50 The operator shall limit the throughput to no more than 240000 barrel(s) in any one month.

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EXXONMOBIL OIL CORPORATION

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 gasoline, light gas oil, light vacuum gas oil, heavy gas oil, heavy vacuum gas oil, hydrotreated kerosene, hydrotreated vacuum gas oil, hydrodesulfurized middle distillate, and straight run gas oil combined.

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 the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading 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 1.0 inch or 0.8 percent whichever is greater, the ATLG shall be repaired 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, 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. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the prior 30 days, prior to the discovery of the discrepancy.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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**]

[Devices subject to this condition : D708]

C1.51 The operator shall limit the throughput to no more than 670000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 gasoline, light vacuum gas oil, heavy vacuum gas oil, kerosene, hydrodesulfurized middle distillate, and straight run gas oil combined.

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 the total vertical one-way liquid surface level travel in feet month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement and record the liquid level reading 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 1.0 inch 0.8 percent 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. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the prior 30 days, prior to the discovery of the discrepancy.

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : D764]

C1.52 The operator shall limit the throughput to no more than 428333 barrel(s) in any one calendar month.

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

[Devices subject to this condition : D2005]

C1.54 The operator shall limit the throughput to no more than 8667 gallon(s) in any one calendar month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

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

[Devices subject to this condition : D1916, D1920, D2025]

C1.56 The operator shall limit the throughput to no more than 2167 gallon(s) in any one calendar month.

To comply with this condition, the operator shall maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

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

[Devices subject to this condition : D2023, D2024]

C1.57 The operator shall limit the throughput to no more than 2427 gallon(s) in any one calendar month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 maintain purchase records in a manner approved by the District. Such records shall be made available to District personnel upon request.

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

[Devices subject to this condition : D2026]

C1.58 The operator shall limit the throughput to no more than 446667 barrel(s) in any one month.

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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D725]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.59 The operator shall limit the throughput to no more than 500000 barrel(s) in any one month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D728, D747]

C1.60 The operator shall limit the throughput to no more than 1200000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: 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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D750]

C1.61 The operator shall limit the throughput to no more than 525000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: 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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D727]

C1.62 The operator shall limit the throughput to no more than 165000 barrel(s) in any one month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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: 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 API Standard 2550, H(subscript: t) is the height of the tank based on tank strapping chart and H(subscript: a) is the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

Automatic tank level gauge (ATLG) shall be used to continuous measure the liquid surface level movement. 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, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy.

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

[Devices subject to this condition : D693, D694]

C1.63 The operator shall limit the throughput to no more than 7200 gallon(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

A handheld electronic interface probe shall be used to periodically measure the depth (D) of the stored liquid from the bottom of the storage tank to the stored liquid/air interface.

The operator shall measure the D before the storage tank is emptied by the vacuum truck and calculate the throughput in gallons, which will be totaled at the end of a calendar month.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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**]

[Devices subject to this condition : D2027, D2029, D2030, D2031, D2032, D2037, D2038, D2039, D2040, D2041, D2042, D2043, D2044, D2045, D2046, D2047, D2048, D2049, D2050, D2065, D2066, D2067, D2071, D2073, D2074, D2075, D2076, D2077, D2078, D2085, D2087, D2088, D2089, D2090, D2091, D2092, D2099, D2100, D2101, D2102, D2103, D2104]

C1.64 The operator shall limit the throughput to no more than 416670 barrel(s) in any one month.

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 the total vertical one-way liquid surface level travel in feet per month..

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis..

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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 .8 percent, the ATLG shall be repaired. While the ATLG is being repaired, throughput shall be determined by hourly tank level data averaged for the previous 30 days, prior to the discovery of the discrepancy..

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

[Devices subject to this condition : D777]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.65 The operator shall limit the throughput to no more than 457834 barrel(s) in any one month.

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 the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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, the ATLG shall be repaired.

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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D752]

C1.68 The operator shall limit the throughput to no more than 2000 ton(s) in any one day.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1303, 5-10-1996**]

[Devices subject to this condition : D2293]

C1.69 The operator shall limit the maintenance and testing to no more than 34 hour(s) in any one year.

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

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

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1470, 6-1-2007]

[Devices subject to this condition : D955, D957, D959, D961, D1500, D1785]

C1.70 The operator shall limit the maintenance and testing to no more than 20 hour(s) in any one year.

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

[RULE 1110.2, 2-1-2008; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1470, 6-1-2007]

[Devices subject to this condition : D394, D1686, D1786]

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.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D761, D762, D1763]

C6.3 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.

The operator shall use a lower explosimeter to monitor the hydrocarbon concentration.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D729, D752, D768]

C8.1 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.

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 immediatly downstream from the firebox.

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

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

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

[Devices subject to this condition : C686, C687]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 900 Deg F.

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

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

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

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

[Devices subject to this condition : C626]

C8.4 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is not less than 8 of the pH scale.

The operator shall determine and record the parameter being monitored daily during each 12-hour shift.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

[Devices subject to this condition : D480, D481]

C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1000 Deg F.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

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

[Devices subject to this condition : C952]

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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. primary and secondary current
2. primary and secondary voltage
3. spark rate

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 D151) according to the requirements specified in Permit Condition D29.3

[**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; RULE 409, 8-7-1981**]

[Devices subject to this condition : C165, C166]

C12.3 The operator shall use this equipment in such a manner that the pressure being monitored as indicated below is less than the pressure setting of the pressure relief device (PRD) for the equipment except during emergencies.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For this condition, the operator shall calculate the pressure of the liquid commodity using Antoine equation with the temperature measured as indicated below and Antoine constants of the commodity

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

1. Temperature of the stored LPG commodity

The operator shall also keep a record of the LPG commodity being stored in the tank. In addition, the operator shall keep records, in a manner approved by the District, for a minimum of three years.

The operator shall keep records of the PRD pressure setting for this equipment.

The operator shall be allowed to blow down/remove water from each device listed under this system at a rate of two times per shift for a total of three shifts per day.

The operator shall keep records of the amount in gallons per day for each device under this system vented to to the vapor recovery system

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

[Devices subject to this condition : D42, D780, D781, D782, D783, D784, D785, D786, D787, D788, D789, D790, D791, D792, D793, D794, D795, D796, D797, D798, D799, D800, D1418]

D. Monitoring/Testing Requirements

D12.2 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR bed.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : C233, C236, C301, C395, C916, C923, C1238, C1241]

D12.3 The operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage in the heater.

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

[Devices subject to this condition : D917]

D12.4 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 3004(a)(4) -Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

D12.6 The operator shall install and maintain a(n) infrared flame detector 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 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C891, C892, C1558]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.8 The operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature at the SCR inlet.

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

[Devices subject to this condition : C233, C236, C301, C395, C916, C923, C1238, C1241]

D12.10 The operator shall install and maintain a(n) thermocouple 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; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C894]

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

The test shall be conducted annually to determine the NH3 emission.

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

[Devices subject to this condition : C233, C236, C301, C395, C916, C1238, C1241]

D28.12 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 annually, once this equipment is operated that it is no longer be classified as non-operational, to determine the NH3 emission.

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

[Devices subject to this condition : C923]

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

The test shall be conducted once every three years to determine the CO, PM, and VOC emissions at the outlet and the VOC control efficiency of the thermal oxidizer.

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

[Devices subject to this condition : C686, C687]

D28.23 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly after the initial performance test using the test protocol approved by the District.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO & PM emissions at the outlet.

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : D925]

D28.25 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted once every three years to determine the CO & PM emissions at the outlet.

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

[Devices subject to this condition : C952]

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

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment
ROG emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment

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

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

[Devices subject to this condition : D1236, D1239]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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	1 hour	Outlet of the SCR

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

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

Source test result 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, and spark rate at each of the ESP fields

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 409, 8-7-1981**]

[Devices subject to this condition : D151]

D29.5 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	1 hour	Outlet

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : C626]

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

SOX concentration in ppmv

Oxygen concentration in percent volume

[**RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D925, C952]

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

CO concentration in ppmv

Oxygen concentration in percent volume

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, C164]

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

SOX concentration in ppmv

Oxygen concentration in percent volume

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : D926]

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

The operator shall monitor once every month.

The operator shall monitor the hydrocarbon concentration according to EPA Method 21.

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

[Devices subject to this condition : C1561, C2219, C2223, C2229]

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

The operator shall use opacity meter to monitor the parameter.

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151]

D90.5 The operator shall periodically monitor the volatile organic compounds and benzene emissions at the outlet of the primary carbon canister according to the following specifications:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 week during tank filling operations utilizing EPA Method 21 for volatile organic compounds and Draeger indicating tube for benzene.

The operator shall monitor volatile organic compounds at times when there is actual flow to the carbon canister (at tank filling period)

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

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

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

D90.7 The operator shall periodically monitor the hydrocarbon concentration at the outlet of the primary and secondary carbon canisters according to the following specifications:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 week, while Tank D935 (5D-1) is being filled or out-breathing. Measurements shall not be taken when Tank D935 is inbreathing or emptying.

If breakthrough occurs in two consecutive weeks, the operator shall monitor on a daily basis, and provide notification to the District.

Weekly monitoring may be resumed after 3 months, provided breakthrough does not occur within any consecutive 14 day period.

The operator shall monitor the VOC concentration according to EPA Reference Method 21.

The operator shall calibrate the instrument used to monitor the VOC concentration in PPMV with a calibration gas that is C4 or lighter.

The operator shall keep records for a minimum of five years, in a manner approved by the District, for the measured VOC concentrations.

[**RULE 1176, 9-13-1996; RULE 1303, 5-10-1996**]

[Devices subject to this condition : C2250]

D90.12 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall monitor the H2S concentration at the outlet of the fuel gas mix drum 64C-4 (Device D838) for fuel combustion devices.

The operator shall use Gas Chromatography (GC 34) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D367, D833, D913, D914, D917, D918, D920, D927, D928, D929, D930, D931, D949, D950, D1403]

D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of the volatile organic compounds

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

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

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

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

D182.1 The operator shall test this equipment in accordance with the following specifications:

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall conduct a static pressure leak decay test to demonstrate that the storage tank(s), the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD Office of Engineering and compliance within 72 hours of test.

The frequency for the above-mentioned test shall be in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or at tel. no. (909) 396-3886 at least 72 hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; location of the facility; and scheduled start and completion dates of the static pressure leak decay test.

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

[Devices subject to this condition : D965]

D182.2 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

If the CARB Executive Order requires installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201. 6. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within 72 hours of test.

The District shall be noticed by email at r461testing@aqmd.gov or at telephone number (909) 306-3886 at least 72 hours prior to the testing. This notification shall include, but not limited to, the following items: the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the liquid removal test.

The frequency for the above-mentioned test shall be in accordance with the most recent Rule 461 amendment or CARB Executive order requirements, whichever is more stringent

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

[Devices subject to this condition : D965]

D182.3 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To determine the control efficiency of the SCR, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the control efficiency of the SCR

Such method may include, sampling port at the inlet of the SCR, monitor/analyzer for NOx concentration at the inlet of the SCR, or other equivalent method to determine SCR efficiency as approved by the Executive Officer

Until the above method(s) is approved, the operator shall keep record of the ammonia injection rate and shall make it available upon AQMD request

Once the above method(s) is approved, the operator shall conduct the SCR control efficiency determination and annually thereafter

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

[Devices subject to this condition : D925]

D182.4 The operator shall test this equipment in accordance with the following specifications:

To determine the PM10 emissions, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the PM10 emissions. Such method shall be provided in compliance with EPA or SCAQMD source test method

Until such time that a permit is issued for the modification, the PM10 emissions are assumed to equal to the PM emissions

Once the above method(s) is approved, the operator shall conduct the PM10 emissions determination and annually thereafter

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EXXONMOBIL OIL CORPORATION

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

[Devices subject to this condition : D925]

D182.5 The operator shall test this equipment in accordance with the following specifications:

The operator shall determine the true vapor pressure (VP) by one of the following methods: 1)sample and test the material stored, 2)derive the VP using engineering calculations, or 3)maintain on file a copy of the Material Safety Data Sheet (MSDS) of the material stored

Records of 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 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D692, D708, D716, D719, D730, D751, D765, D773, D774, D776, D778, D779, D1743, D1747, D1751, D1755, D1763]

D182.6 The operator shall test this equipment in accordance with the following specifications:

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

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously measure and record the liquid surface level movement. The throughput, in barrels, shall be calculated using the following equation: 0.14 x D x D x 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 liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour

Alternately, for tanks which do not have an ATLG device, the throughput shall be derived by using engineering calculations using parameters obtained from process records, shipping invoices, manual tank level gauging, etc.

Records of throughput 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 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D692, D715, D716, D724, D726, D730, D751, D761, D762, D773, D774, D776, D778, D779, D915, D1685, D1763, D1787, D1897, D1898, D1916, D1917, D1918, D1919, D1920, D1924, D1925, D1926, D1927, D1928, D1929, D1930, D2005, D2023, D2024, D2025, D2026]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 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.
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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

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EXXONMOBIL OIL CORPORATION

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]

[Devices subject to this condition : D129, D130, D167, D168, D919, C1558, D2291, D2292, D2293, D2294, D2295, D2296, D2297, D2298, D2299, D2300, D2301, D2302, D2303, C2314, D2316, C2317, D2331, D2332, D2333, D2334, D2335, D2384, D2385, D2386, D2388, D2389]

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EXXONMOBIL OIL CORPORATION

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 bi-weekly basis, at least, unless the equipment did not operate during the entire bi-weekly period. The routine bi-weekly 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.
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;

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
EXXONMOBIL OIL CORPORATION

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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]

[Devices subject to this condition : C891, C892, C894]

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 emission limits. 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 : D83, D84, D85, D120, D231, D232, D234, D235, D269, C626, D803, D805, D833, D913, D914, D917, D918, D920, D922, D924, D927, D928, D929, D930, D931, D949, D950, D1236, D1239, D1403]

D330.1 The operator shall have a person that has been trained in accordance with Rule 461conduct 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, Universal Conditions, 3-7-2008]

[Devices subject to this condition : D965]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E. Equipment Operation/Construction Requirements

E71.5 The operator shall only use this equipment to control odors from miscellaneous sources at the refinery. This equipment does not qualify as air pollution control equipment for compliance with SCAQMD, State, or Federal air pollution rules and regulations except for SCAQMD Rule 402 and Health & Safety Code 41700. 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 402, 5-7-1976]

[Devices subject to this condition : C1729]

E71.6 The operator shall only maintain a vacuum pressure of 4 inches Hg or higher in this equipment during normal operations.

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

[Devices subject to this condition : D981, D982, D983, D984]

E71.7 The operator shall only inject NH3 into this equipment if the flue gas inlet temperature is at least 550 degrees F.

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

[Devices subject to this condition : C301, C395, C916, C923, C1238, C1241]

E71.9 The operator shall only inject NH3 into this equipment if the flue gas inlet temperature is at least 500 degrees F.

FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

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

[Devices subject to this condition : C233, C236]

E71.10 The operator shall only use this equipment for the storage of any of the following materials/commodities: Crude oil of more than 97 % by volume.

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D766, D770, D771]

E71.11 The operator shall only vent this equipment to the water sump whenever it is being filled. The operator shall not fill this silo unless the air/steam ejector is utilized and the vent gas is sparged at least 6 inches below the water surface of the sump.

[**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : D167, D168, D2316]

E71.12 The operator shall not use this equipment to store anhydrous ammonia unless the pressure relief valve is set at 265 psig or higher.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2336, D2339, D2340, D2341]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

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

[Devices subject to this condition : C165, C166, C2314]

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**]

[Devices subject to this condition : C1561, C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110, C2219, C2223, C2229]

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

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

[Devices subject to this condition : D2195, D2196, D2197, D2232]

E153.1 The operator shall change over the spent carbon with activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary canister, and the secondary canister shall be replaced with a fresh carbon canister

For the purpose of this condition, breakthrough shall be defined as any organic compound reading of 50 ppmv or more, or any benzene reading of 5 ppmv or more.

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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

[Devices subject to this condition : C2028, C2033, C2034, C2035, C2036, C2051, C2052, C2053, C2054, C2055, C2056, C2057, C2058, C2059, C2060, C2061, C2062, C2063, C2064, C2068, C2069, C2070, C2072, C2079, C2080, C2081, C2082, C2083, C2084, C2086, C2093, C2094, C2095, C2096, C2097, C2098, C2105, C2106, C2107, C2108, C2109, C2110]

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 hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the canister.

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

[Devices subject to this condition : C1561]

E153.5 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 or greater at the outlet of the primary canister.

A change over shall consist of the following: Removal or regeneration of the primary carbon adsorption unit. Promotion of the secondary unit to the primary position, provided breakthrough has not occurred on the secondary unit. Installation of a new or regenerated adsorption canister at the secondary position. Both canisters shall be replaced or regenerated if breakthrough has occurred at the second canister.

Records shall be kept for a period of five years indicating the date and time when a carbon canister is replaced.

[**RULE 1176, 9-13-1996; RULE 1303, 5-10-1996;** RULE 1303, 12-6-2002]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 : C2250]

E153.6 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitors reading indicates a concentration of 500 ppmv at the outlet of the canister in service or the last canister (when two canister are operated in series)

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

[Devices subject to this condition : C2219, C2223, C2229]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

All Phase I and Phase II vapor recovery equipment shall meet all California Air Resources Board Certification requirements

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

[Devices subject to this condition : D963, D965]

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 Subpart A of the 40CFR60

[**40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C891, C892, C894, C1558]

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

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The circulating caustic solution in the relief gas scrubber must be recharged to the 4 percent by weight. NaOH strength immediately following an alkylation unit upset necessitating the deinventory of any HF acid to the acid evacuation drum, 5C-54

The relief gas scrubber (RGS) system shall be in full and continuous operation whenever the HF alkylation unit is in operation

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

[Devices subject to this condition : C940]

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

The District shall be notified seven days prior to first starting the spray filling operation

The operator shall monitor and record the initial, midpoint, and final temperature in the railcar, and the product line pressure during the spray filling operation

The operator shall use a hydrocarbon analyzer to monitor the equipment daily for fugitive leaks during the spray filling operation

The product line pressure shall not exceed 225 psig during the spray filling operation

The operator shall install and maintain a temperature and pressure gauge to accurately indicate product temperature and product line pressure during the filling operation

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

[Devices subject to this condition : D675]

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

E193.8 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified EIR dated 12-October-2001.

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

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D2005]

E193.15 The operator shall construct, operate, and maintain this equipment as follows:

Install and maintain sampling ports for the measurement of VOC emissions at an intermediary point between the first and second stage carbon adsorption canisters.

[**RULE 1303, 5-10-1996;** RULE 1303, 12-6-2002]

[Devices subject to this condition : C2250]

E193.16 The operator shall operate and maintain this equipment according to the following specifications:

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

[**40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

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

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D269, D367, C626, C686, C687, D803, D805, D833, D913, D914, D917, D918, D920, D922, D924, D925, D927, D928, D929, D930, D931, D949, D950, D1236, D1239, D1403]

E204.1 The operator shall tag the valves according to the following specifications:

This condition applies to all new valves greater than 2 inches in size, and major components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173.

The affected valves shall be distinctly identified from other components through their tag numbers (e.f. numbers ending in the letter "N"), and shall be noted in the records.

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

[Devices subject to this condition : D1202, D1204]

E204.3 The operator shall repair the valves according to the following specifications:

For all new components in VOC service, a leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

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

[Devices subject to this condition : D1202, D1204, D1206, D1207, D1208, D1209, D1210]

E204.4 The operator shall inspect the valves and flanges according to the following specifications:

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EXXONMOBIL OIL CORPORATION

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

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA reference method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid volatile organic compound(s) at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

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

[Devices subject to this condition : D1661]

E313.1 This device is classified as a non-operated major SOx and NOx source as defined under Rules 2011 and 2012 and shall not be operated unless the Facility Permit holder provides written notification to the Executive Officer 30 days prior to starting operation. In order to maintain the non-operational classification, the Facility Permit holder shall:

(a) Remove a section of the fuel feed line(s) to the device and place a blind flange on both ends of the fuel feed line(s); and

(b) Remove a section of the process feed line(s) and place a blind flange on both ends of the process feed line(s).

Removal of parts or components solely to qualify the device for non-operated classification pursuant to this condition, or replacement of the same removed parts or components resulting in the device no longer being classified as non-operated shall not be deemed to affect the potential to emit within the meanings of Rule 2005, Regulation XIII and Regulation XXX.

[**RULE 2011, 5-6-2005; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D922]

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

E315.1 Once this device is operated, it shall no longer be classified as non-operational. This device shall also meet the monitoring requirements of Rules 2011 and 2012, subparagraph (c)(2)(A) or (c)(2)(B) no later than 30 calendar days after the start of operation except as provided in Rule 2011, paragraph (c)(11) and Rule 2012, paragraph (c)(10).

[**RULE 2011, 5-6-2005; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D922]

E318.1 This major SOx source shall no longer be considered an infrequently-operated major SOx source once it is operated in excess of 30 days in any compliance year. This device shall meet the monitoring requirements of Rule 2011, subparagraph (c)(2)(A) or (c)(2)(B) on and after the thirty-first day of operation in any compliance year unless it qualifies for a one-time only CEMS certification period as provided in Rule 2011, subparagraph (c)(11).

[**RULE 2011, 5-6-2005**]

[Devices subject to this condition : D833]

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

All vent gases during normal operations shall be vented to a vapor recovery system.

This equipment shall not be operated unless the blowdown vapor recovery equipment 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 463, 5-6-2005**]

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

[Devices subject to this condition : D690, D691, D692, D693, D694, D695, D696, D699, D700, D702, D706, D708, D711, D712, D713, D714, D715, D720, D721, D722, D724, D727, D728, D915, D1417, D1428, D1437, D1685, D1787, D1924, D1925]

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

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D675]

E336.3 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the clean service flare system (Process 19, System 6) and that under emergency conditions shall be vented to the atmoshere.

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

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

[Devices subject to this condition : D801, D802]

E336.4 The operator shall vent the vent gases from this equipment as follows:

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

All vent gases under normal operating conditions shall be directed to the East butane refrigeration system (Process 19, System 5) and that under emergency conditions shall be vent to the atmosphere.

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

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

[Devices subject to this condition : D1379]

E336.5 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the West butane refrigeration system (Process 19, System 7) or refinery vapor recovery system (Process 19, System 3) and that under emergency conditions shall be vent to the atmosphere.

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

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

[Devices subject to this condition : D1439]

E336.8 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the Air Pollution Control (APC) system (Process 14, System 2).

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

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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 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996**]

[Devices subject to this condition : D684, D685, D1773]

E336.9 The operator shall vent the vent gases from this equipment as follows:

All vent gases during normal operations shall be vented to a vapor recovery system.

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

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

[Devices subject to this condition : D155, D156, D585, D594, D1250, D1419, D2145]

E336.11 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the Air Pollution Control (APC) system (Process 14, System 2).

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

[**RULE 1176, 9-13-1996; RULE 1303(a)(1)-BACT, 5-10-1996; 40CFR 60 Subpart QQQ, 10-17-2000**]

[Devices subject to this condition : D680, D681, D683, D689]

E336.12 The operator shall vent the vent gases from this equipment as follows:

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

All emergency vent gases shall be directed to a VRS/flare system except three PRV (PSV01-002, PSV01-003, and PSV01-045) set at 38 psig that vent to the atmosphere.

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

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

[Devices subject to this condition : D1]

E336.13 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the flame zone of the heater(s) (Devices D232 & D234, Process 4, System 2)

This equipment shall not be operated unless the heater(s) is in full use and has a valid permit to receive vent gases from this equipment.

[**40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition : D176, D178]

E336.16 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal depressurizing or degassing operations shall be directed to the vapor recovery system.

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

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

[Devices subject to this condition : D42, D780, D781, D782, D783, D784, D785, D786, D787, D788, D789, D790, D791, D792, D793, D794, D795, D796, D797, D798, D799, D800, D1418, D2005]

E336.20 The operator shall vent the vent gases from this equipment as follows:

All vent gases shall be directed to a vapor recovery system during filter purging operation. Only nitrogen gas shall be used to purge this equipment.

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

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

[Devices subject to this condition : D2411]

E440.1 The operator shall operate and maintain this equipment according to the following specifications:

The closed vent system shall be operated with no detectable VOC emissions, as indicate by an instrument reading of less than 500 ppm above background, as determined during the initial and semiannual inspections by methods specified in 40 CFR 60.696

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

[Devices subject to this condition : C686, C687]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D1773, D1775]

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

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

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

[Devices subject to this condition : D609, D610, D681, D683]

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

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

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

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

[Devices subject to this condition : D691, D692, D693, D694, D708, D724, D757, D761, D762, D778, D779, D915, D1220, D1685, D1743, D1747, D1751, D1755]

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

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	QQQ

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

[Devices subject to this condition : D680, D681, D683, D689, D1907]

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

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

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

[Devices subject to this condition : D727, D728, D776, D777]

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

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

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

Refrigerants	40CFR82, SUBPART	F

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

[Devices subject to this condition : E1899, E1900]

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

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E1901]

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

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E1906]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart

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

VOC	District Rule	465
Sulfur compounds	District Rule	465

[**RULE 465, 8-13-1999**]

[Devices subject to this condition : D2137, D2138, D2139, D2140, D2141, D2142, D2143, D2144]

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D83, D84, D85, D120, C164, D231, D232, D234, D235, D269, D367, C626, C686, C687, D803, D805, D833, C891, C892, C894, D913, D914, D917, D918, D920, D922, D924, D927, D928, D929, D930, D931, D949, D950, C952, D1236, D1239, D1403, C1558]

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

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	J

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

[**40CFR 60 Subpart GG, 2-24-2006; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D926]

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

Contaminant	Rule	Rule/Subpart
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J
Visible Emissions	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

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

[Devices subject to this condition : D151]

H23.18 This equipment is subject to the applicable requirements of the following rules or regulations:

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

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

[Devices subject to this condition : D730, D731, D741, D751, D1763]

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

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J
NOX	40CFR60, SUBPART	Db

[**40CFR 60 Subpart Db, 1-28-2009; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D1236, D1239]

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

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

[Devices subject to this condition : D680, D681, D683, D684, D685, D693, D694, D705, D1685, D1907, D2255]

H23.26 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

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

[RULE 1411, 3-1-1991; **40CFR 82 Subpart B, 7-14-1992**]

[Devices subject to this condition : E1902]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[**RULE 1122, 10-1-2004;** RULE 1122, 5-1-2009]

[Devices subject to this condition : E2022]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[**RULE 109, 5-2-2003**]

[Devices subject to this condition : E2020]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

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

[**RULE 464, 12-7-1990**]

[Devices subject to this condition : C236, D680, D684, D685, D1250, D2145]

H23.31 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 : D752]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

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

[Devices subject to this condition : D690, D695, D696, D699, D700, D701, D706, D711, D712, D713, D714, D715, D720, D721, D722, D732, D733, D734, D735, D736, D737, D738, D739, D740, D742, D743, D745, D746, D747, D748, D749, D750, D753, D755, D756, D758, D759, D760, D764, D765, D766, D767, D769, D770, D771, D772, D773, D774, D775, D830, D831, D832, D1417, D1419, D1428, D1437, D1925]

H23.33 This equipment is subject to the applicable requirements of the following rules or regulations:

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

Contaminant	Rule	Rule/Subpart
SOX	40CFR60, SUBPART	J

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D925]

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

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

This equipment was subject to the applicable requirements of 40CFR60 Subpart GGG per Consent Decree Civil Case No. 05 C 5809 dated 12-13-2005. This equipment is now subject to the applicable requirements of 40CFR60 Subpart GGGa per ExxonMobil's notification to EPA dated 08-24-2009

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **40CFR 60 Subpart GGGa, 6-2-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

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

[Devices subject to this condition : D119, D355, D356, D390, D525, D542, D574, D869, D980, D981, D982, D983, D984, D985, D986, D1298, D1475, D1527, D1556, D1740, D1788, D1789, D1790, D1791, D1792, D1793, D1794, D1800, D1803, D1805, D1807, D1808, D1809, D1810, D1811, D1815, D1819, D1825, D1826, D1827, D1828, D1829, D1830, D1831, D1834, D1838, D1839, D1840, D1842, D1844, D1845, D1849, D1850, D1851, D1853, D1860, D1862, D1863, D1864, D1865, D1877, D1888, D1889, D1890, D1891, D1892, D1895, D1936, D1937, D1938, D1939, D1955, D1956, D1957, D1983, D1987, D1988, D2009, D2010, D2231, D2256, D2259, D2330, D2366, D2367, D2368, D2369, D2370, D2371, D2372, D2373, D2374, D2375, D2376, D2377, D2378, D2379, D2380, D2383, D2415, D2417, D2422]

H23.35 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 : C891, C892, C894, C1558]

H23.36 This equipment is subject to the applicable requirements of the following rules or regulations:

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

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

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

[Devices subject to this condition : D2412]

J. Rule 461

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

[**RULE 461, 6-3-2005**]

[Devices subject to this condition : D963]

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

[**RULE 461, 6-3-2005**]

[Devices subject to this condition : D965]

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:

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

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
20	0.15
40	0.16
60	0.35
80	0.62
100	0.95

As required by AQMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

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

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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 : D965]

K. Record Keeping/Reporting

K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Source test results shall also include the heat input (in mmbtu/hr) and the fuel flow rate (in mmscf/hr) of the boiler under which the test was conducted.

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

[Devices subject to this condition : C1238, C1241]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the date of operation

the elapsed time in hours

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

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

[Devices subject to this condition : D394, D955, D957, D959, D961, D1500, D1686, D1785, D1786]

K67.2 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 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005**]

[Devices subject to this condition : D690, D691, D695, D696, D697, D698, D699, D700, D701, D702, D703, D704, D706, D711, D712, D713, D714, D715, D718, D719, D720, D721, D722, D729, D731, D732, D733, D736, D737, D738, D739, D740, D741, D744, D745, D746, D748, D749, D753, D754, D755, D756, D758, D759, D760, D763, D765, D766, D767, D768, D769, D770, D771, D772, D775, D776, D830, D831, D832, D1417, D1419, D1425, D1428, D1437, D1554]

K67.3 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.

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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 : E1905]

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

For spray filling only: product loaded; line pressure; and rail car initial, midpoint, and final temperature; number and magnitude of leaks found

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

[Devices subject to this condition : D675]

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Catalyst management including periodic addition/replacement

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

[Devices subject to this condition : C233]

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily inspections & maintenance of all the valves at this facility

[RULE 1401, 6-5-2009]

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

[Devices subject to this condition : D2232, D2324, D2325, D2336, D2339, D2340, D2341]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Truck outhauls of the hopper

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C2314]

K67.17 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

VOC concentration at the outlet of the primary carbon adsorber.

VOC concentration at the outlet of the secondary adsorber.

Date and time the VOC measurements were taken.

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

[Devices subject to this condition : C2250]

K171.1 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper 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**]

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

[Devices subject to this condition : D729, D744, D752, D754, D763, D768, D776, D778, D779]

K171.5 The operator shall provide to the District the following items:

Final designed P&ID within 60 days after construction is completed including, but not limited to heating rate and fuel lines for heater 24F-1

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

[Devices subject to this condition : D925]

K171.6 The operator shall provide to the District the following items:

Final designed data sheets within 60 days after construction of the fuel gas optimization project is completed

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

[Devices subject to this condition : C2219, C2223, C2229]

K171.9 The operator shall provide to the District the following items:

Update P&ID drawings of the desalter tailwater handling system, including normal and emergency vents, the drain system for brine water and brine oily water, update function of Tanks 72D-10 & 72D-11, and the removal of the oily water sump, shall be submitted to the district within 60 days after permit issuance date

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

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

[Devices subject to this condition : D1250, D2145]

K171.10 The operator shall provide to the District the following items:

Update P&ID drawings of the heater, including the firing rate in MMBtu/hr, fuel gas/utility system, removal of all miscellaneous process gases (fume/waste gas) feed lines and their knockout pots (e.g., Vessels 1C-9 & 1D-7), shall be submitted to the district within 60 days after permit issuance date

ExxonMobil shall maintain records demonstrating the non-operation status of the above equipment and shall submit to the district upon request

[**RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D913]

K171.11 The operator shall provide to the District the following items:

Update P&ID drawings of the fuel gas filter separators and associated reservoirs including emergency vents shall be submitted to the district within 60 days after permit issuance date

Final design data sheet of the filter separators (Vessels 1J-2 & 1J-3) including the internal filter elements shall be submitted to the District within 60 days after permit issuance date

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

[Devices subject to this condition : D2257, D2258]

K171.14 The operator shall provide to the District the following items:

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

Update and complete P&ID drawings of the equipment shall be submitted to the district within 60 days after permit issuance date

Operating and maintenance description

[**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : D2316, C2317]

K171.15 The operator shall provide to the District the following items:

Update P&ID drawings of the heater, including the firing rate in MMBtu/hr, fuel gas/utility system, removal of miscellaneous process gases (fume/waste gas) feed line(s) and their knockout pots (e.g., Vessel 2C-20), shall be submitted to the District within 60 days after permit issuance date

[**RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D920]

K171.16 The operator shall provide to the District the following items:

Update P&ID drawings of the particulates/fines knockout pot including emergency vents shall be submitted to the District within 60 days after permit issuance date

Final design data sheet of the knockout pot (Vessel 2C-22) shall be submitted to the District within 60 days after permit issuance date

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

[Devices subject to this condition : D2321]

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EXXONMOBIL OIL CORPORATION

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K171.17 The operator shall provide to the District the following items:

Update P&ID drawings of the fuel gas filter separators and associated reservoirs including emergency vents shall be submitted to the district within 60 days after permit issuance date

Final design data sheet of the filter separator shall be submitted to the District within 60 days after permit issuance date

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

[Devices subject to this condition : D2328, D2329]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 UNIT					P13.1
System 4: CRUDE UNIT FEED DESALTER					S13.2, S15.1, S31.4
TANK, SURGE, 1C-5, WASH (DESALTER) WATER, HEIGHT: 17 FT 6 IN; DIAMETER: 7 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D4				
VESSEL, DESALTER, 1ST STAGE, 1C-6C, CRUDE OIL, WITH WATER&MUDWASH DISTRIBUTION&3 ELECTRICAL GRIDS, IN PARALLEL WITH 1C-6D & IN SERIES WITH 1C-6A, LENGTH: 85 FT ; DIAMETER: 13 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D2251			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E193.17, E336.9, K171.8
VESSEL, DESALTER, 2ND STAGE, 1C-6A, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, IN PARALLEL WITH 1C-6B & IN SERIES WITH 1C-6C, LENGTH: 86 FT ; DIAMETER: 12 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D21			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9, K171.8
VESSEL, DESALTER, 1ST STAGE, 1C-6D, CRUDE OIL, WITH WATER&MUDWASH DISTRIBUTION&3 ELECTRICAL GRIDS, IN PARALLEL WITH 1C-6C & IN SERIES WITH 1C-6B, LENGTH: 85 FT ; DIAMETER: 13 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D2252			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E193.17, E336.9, K171.8

* (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.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 UNIT					P13.1
VESSEL, DESALTER, 2ND STAGE, 1C-6B, CRUDE OIL, WITH FIVE SEDIMENT ELIMINATORS, IN PARALLEL WITH 1C-6A & IN SERIES WITH 1C-6D, LENGTH: 86 FT ; DIAMETER: 12 FT A/N: 448496 Permit to Construct Issued: 10/18/06	D22			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9, K171.8
DRAIN SYSTEM COMPONENT A/N: 448496 Permit to Construct Issued: 10/18/06	D2253			**HAP**: (10) [**40CFR 61 Subpart FF, #1, 12-4-2003; 40CFR 63 Subpart CC, #4, 6-23-2003**]	H23.24
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 448496 Permit to Construct Issued: 10/18/06	D2254			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.36
Process 2: COKING AND RESIDUAL CONDITIONING					P13.1
System 1: NORTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 21C-1, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D57			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-2, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D58			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-3, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D59			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	

* (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
EXXONMOBIL OIL CORPORATION

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
DRUM, 21C-4, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D60			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-5, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D61			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 21C-6, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358122 Permit to Construct Issued: 05/20/10	D62			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
System 2: SOUTH DELAYED COKING UNIT					S1.2, S13.2, S15.1, S15.7
DRUM, 22C-9, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 05/20/10	D88			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-10, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 05/20/10	D89			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-11, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 05/20/10	D90			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
DRUM, 22C-12, COKE, HEIGHT: 59 FT ; DIAMETER: 18 FT 6 IN A/N: 358440 Permit to Construct Issued: 05/20/10	D91			**HAP**: (10) [**40CFR 63 Subpart CC, #2, 6-23-2003**]; **PM**: (9) [**RULE 405, 2-7-1986**]	
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
System 1: FCCU, Cracking System					S4.1, S13.2, S15.1, S42.2

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
REGENERATOR, 2C-3, HEIGHT: 45 FT ; DIAMETER: 37 FT 2 IN 512799 Permit to Construct Issued: 02/24/11	D151	C164 C165 C166 C1590 C1772 C2283 C2284 C2314	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 500 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #2, 4-20-2006**]; **NH3**: 10 PPMV (5) [**RULE 1105.1, 11-7-2003**]; **NOX**: 20 PPMV (8) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **NOX**: 40 PPMV (8A) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **NOX**: 140 PPMV (8B) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 1 LB(S)/1000 LBS (8) [**40CFR 60 Subpart J, 6-24-2008**]; **PM10**: 0.005 GRAINS/SCF (5) [**RULE 1105.1, 11-7-2003**]; **PM10**: 2.8 LBS/1000 BBLS (5A) [**RULE 1105.1, 11-7-2003**]; **PM10**: 3.6 LBS/HR (5B) [**RULE 1105.1, 11-7-2003**]; **SOX**: 25 PPMV (8) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **SOX**: 50 PPMV (8A) [**40CFR 60 Subpart J,**	A63.4, A99.1, A99.2, A99.3, A195.2, A195.3, A195.4, A195.5, A195.6, A195.7, A195.8, D29.3, D82.2, D82.5, D90.4, E193.18, E193.20, E448.2, H23.17, K67.14, K67.15

* (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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
INJECTOR, FCCU CYCLE OIL/HYDROTREATED GAS OIL INJECTOR, HOPPER, CO PROMOTER CATALYST, 2G-19, D: 2 FT, H: 4 FT 4 IN INJECTOR, CATALYST ADDITIVES (GRACE DAVISON OLEFINSMAX ZSM-5), CO PROMOTER (GRACE DAVISON CP-5) INJECTOR, BASE CATALYST (GRACE DAVISON GENESIS-2634), BASE CATALYST (SINOPEC RIPP ZDOS-T), BASE CATALYST (GRACE DAVISON ALCYON-U411)	D2423 D2424			**6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]	
VESSEL, ABRASIVE CHARGE/INJECTION, 2C-X, CRUSHED WALNUT SHELLS, LOCATED UPSTREAM OF THE EXPANDER, HEIGHT: 4 FT 1 IN; DIAMETER: 2 FT 2 IN A/N: 485908 Permit to Construct Issued: 12/09/08	D2278	C164			C1.66, E175.2

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
STACK, 2F-7, WITH EMERGENCY BYPASS DUCTING, (CONNECTING ESP & BYPASS SCR, WASTE HEAT BOILER & ID FAN), HEIGHT: 89 FT ; DIAMETER: 11 FT 4 IN A/N: 485908 Permit to Construct Issued: 12/09/08	S1739	C1772			
System 2: FCCU AIR POLLUTION CONTROL SYSTEM					
BOILER, 2F-3, CARBON MONOXIDE WASTE HEAT, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 464 MMBTU/HR WITH A/N: 458744 Permit to Construct Issued: 03/27/07 BURNER, NATURAL GAS, REFINERY GAS, FOUR LO-NOX, WITH LOW NOX BURNER, 464 MMBTU/HR	C164	D151 D2278 D2404	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **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**]	B61.3, D82.2, D90.12, E193.16, E448.2, H23.13, K67.14

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
ELECTROSTATIC PRECIPITATOR, 2D-2, PLATE-WIRE, DRY, NEGATIVE CORONA, 2 CHAMBERS, 3 FIELDS, 3 T/R SETS, 12 CELLS, BUELL, IN SERIES WITH 2D-1, IDLE MODE, 18 FT L, 57 FT 6 IN W, 30 FT H, 300 KVA WITH A/N: 512801 Permit to Construct Issued: 02/24/11 AMMONIA INJECTION, GRID 1, UPSTREAM OF ESP 2D-1 HOPPER, CATALYST DUST, 8 TOTAL	C166	D151 D2404			C12.1, C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.10, E193.19, K40.6, K67.10, K67.16

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
ELECTROSTATIC PRECIPITATOR, 2D-1, PLATE-WIRE, DRY, NEGATIVE CORONA, 2 CHAMBERS, 2 FIELDS, 2 T/R SETS, 12 CELLS, BUELL, IN SERIES WITH 2D-2, IDLE MODE,18 FT L, 37 FT 6 IN W, 30 FT H, 140 KVA WITH A/N: 512801 Permit to Construct Issued: 02/24/11 AMMONIA INJECTION, GRID 1, UPSTREAM OF ESP 2D-1 HOPPER, CATALYST DUST, 8 TOTAL	C165	D151 D2404			C12.1, C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.10, E193.19, K40.6, K67.10, K67.16
ELECTROSTATIC PRECIPITATOR, 2D-17, PLATE-RDE, DRY, NEGATIVE CORONA, 2 CHAMBERS, 6 FIELDS, 12 T/R SETS, 24 CELLS, HRC, IN PARALEL WITH 2D-18, 54 FT L, 80 FT W, 36 FT H, 1380 KVA WITH A/N: 512802 Permit to Construct Issued: 02/24/11 AMMONIA INJECTION, GRID 2, UPSTREAM OF ESPS 2D-17 & 2D-18 HOPPER, CATALYST DUST, 24 TOTAL	C2283	D151 D2404			C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.18, E193.19, K67.16

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
ELECTROSTATIC PRECIPITATOR, 2D-17, PLATE-RED, DRY, NEGATIVE CORONA, 2 CHAMBERS, 6 FIELDS, 12 T/R SETS, 24 CELLS, HRC, IN PARALEL WITH 2D-17, 54 FT L, 80 FT W, 36 FT H, 1380 KVA WITH A/N: AMMONIA INJECTION, GRID 2, UPSTREAM OF ESPS 2D-17 & 2D-18 HOPPER, CATALYST DUST, 24 TOTAL	C2284	D151 D2404			C12.2, D29.4, D90.8, D90.9, D90.10, D90.11, D323.1, E102.2, E193.18, E193.19, K67.16
SELECTIVE CATALYTIC REDUCTION, FIXED BED REACTOR, WITH MITSUBISHI VANADIUM PENTOXIDE HONEYCOMB TYPE CATALYST, WIDTH: 27 FT ; HEIGHT: 56 FT ; LENGTH: 31 FT WITH A/N: 458745 Permit to Construct Issued: 03/23/07 AMMONIA INJECTION, GRID 3	C1772	D151 S1739 D2404		**NH3**: 10 PPMV (5) [**RULE 1105.1, 11-7-2003**]	A195.2, D12.1, D12.2, D28.1, D28.4, D29.4, K40.4, K171.12, K171.13
System 8: FCCU Base Catalyst/Catalyst Additives Injecting System					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes 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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
BULK MATERIAL LOADING STATION, MULTI-LOADING SYSTEM, CABINET, GRACE DAVISON MODEL MLS-2452-AWC, SERIAL # LL130, WITH AUTOMATIC PROGRAMMABLE LOGIC CONTROLLER, W: 6 FT, L: 10 FT, H: 9 FT WITH A/N: 510467 Permit to Construct Issued: 02/24/11 EDUCTOR, VACUUM PRODUCER, 4 HOSES TO DRAW CATALYST FROM STORAGE BIN TO CATALYST COLLECTOR, WITH 2 DUST FILTERS SCREEN, DUST/CATALYST COLLECTOR, OPEN/CLOSE VALVE TO DIRECT CATALYST TO TRANSFER POT POT, TRANSFER, PRESSURIZED, PRD SET AT 125 PSIG, 6 CF CAPACITY, WITH 3 CATALYST LOAD CELLS FOR WEIGHT MEASURING & RECORDING, WITH SUPPORT LEGS EJECTOR, PRESSURIZING CATALYST FROM TRANSFER POT TO REGENERATOR VIA A COMMON HOSE	D2395	C2397		**PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]	B27.1, C1.67, E71.13, K171.18

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: Fluid Catalytic Cracking Unit (FCCU)					P13.1
FILTER, CARTRIDGE TYPE, CATALYST DUST, 2 IN PARALLEL, CLEMTEX, MODEL FA376094, EACH OD:1 FT 2 IN, ID:9 FT 6 IN, H:2 FT 6 IN, WITH AUTOMATIC AIR PULSE CLEANING, 260 SQ.FT. A/N: 510467 Permit to Construct Issued: 02/24/11	C2397	D2395			C6.4, D29.6, D322.3, D323.1, E102.1
Process 4: HYDROTREATING PROCESS					P13.1
System 1: FCCU FEED (GAS OIL) HYDRODESULFURIZATION UNIT					S4.1, S13.2, S15.1, S15.2, S15.9, S31.2
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1A A/N: 422931 Permit to Construct Issued: 01/07/05	D169				
TURBINE, HIGH TEMPERATURE SEPARATOR POWER RECOVERY, UNFIRED, 25J-1B A/N: 422931 Permit to Construct Issued: 01/07/05	D170				
TURBINE, RICH DEA POWER RECOVERY, UNFIRED, 25J-02, SERVING 25G-5A A/N: 422931 Permit to Construct Issued: 01/07/05	D171				
EJECTOR, 25J-22A, STEAM JET A/N: 422931 Permit to Construct Issued: 01/07/05	D2184				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
SUMP, 25D-1, AMINE, LENGTH: 10 FT, WIDTH: 10 FT, DEPTH: 7 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D2185				
VESSEL, 25C-51, CONDENSATE RECEIVER A/N: 422931 Permit to Construct Issued: 01/07/05	D2187				
EJECTOR, 25J-22B, STEAM JET A/N: 422931 Permit to Construct Issued: 01/07/05	D2188				
ABSORBER, HIGH PRESSURE AMINE, 25C-10, HEIGHT: 77 FT 6 IN; DIAMETER: 8 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D172				
COLUMN, STRIPPER, PRODUCT, 25C-11, HEIGHT: 66 FT ; DIAMETER: 13 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D173				
ABSORBER, LOW PRESSURE AMINE, 25C-13, HEIGHT: 57 FT ; DIAMETER: 3 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D174				
FRACTIONATOR, 25C-15, HEIGHT: 116 FT ; DIAMETER: 14 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D175				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COLUMN, STRIPPER/DRYER, 25C-17, KEROSENE, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D176	D232 D234			E336.13
COLUMN, STRIPPER, 25C-18, LIGHT GAS OIL, HEIGHT: 35 FT ; DIAMETER: 5 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D177				
VESSEL, VACUUM DRYER, 25C-27, LIGHT GAS OIL, HEIGHT: 32 FT ; DIAMETER: 5 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D178	D232 D234			E336.13
TANK, SURGE, 25C-04, COLD FEED A/N: 422931 Permit to Construct Issued: 01/07/05	D188				
VESSEL, SURGE, 25C-05, HOT FEED A/N: 422931 Permit to Construct Issued: 01/07/05	D189				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7A A/N: 422931 Permit to Construct Issued: 01/07/05	D190				
VESSEL, SEPARATOR, HIGH TEMPERATURE, 25C-7B A/N: 422931 Permit to Construct Issued: 01/07/05	D191				
VESSEL, SEPARATOR, LOW TEMPERATURE, 25C-8, LENGTH: 38 FT ; DIAMETER: 11 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D192				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
KNOCK OUT POT, 25C-9, RECYCLE GAS, LENGTH: 14 FT ; DIAMETER: 7 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D193				
ACCUMULATOR, 25C-12, STRIPPER OVERHEAD, LENGTH: 27 FT ; DIAMETER: 6 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D194				
ACCUMULATOR, 25C-16, FRACTIONATOR OVERHEAD, LENGTH: 25 FT ; DIAMETER: 8 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D196				
TANK, SURGE, 25C-19, CONDENSATE, HEIGHT: 14 FT ; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D197				
TANK, SURGE, 25C-20, DEA, HEIGHT: 22 FT ; DIAMETER: 6 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D198				
VESSEL, 25C-24, DIMETHYLDISULFIDE, HEIGHT: 16 FT ; DIAMETER: 4 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D200				
KNOCK OUT POT, 25C-26, OFFGAS, HEIGHT: 9 FT 6 IN; DIAMETER: 2 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D201				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
KNOCK OUT POT, VACUUM, 25C-28, LENGTH: 11 FT ; DIAMETER: 2 FT A/N: 422931 Permit to Construct Issued: 01/07/05	D202				
KNOCK OUT POT, 25C-50, FUME GAS A/N: 422931 Permit to Construct Issued: 01/07/05	D206				
COMPRESSOR, 25K-1A/1B/1C, MAKEUP HYDROGEN, 6000-HP EACH, 3 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D221				
COMPRESSOR, 25K-2, RECYCLE HYDROGEN A/N: 422931 Permit to Construct Issued: 01/07/05	D224				
COMPRESSOR, 25K-3A/3B, STRIPPER OFFGAS, 400-HP, 514 RPM, EACH, 2 TOTAL, 2 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D225				
REACTOR, HYDROTREATER GUARD, 25C-40A, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D227				
REACTOR, HYDROTREATER GUARD, 25C-40B, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D228				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
REACTOR, HYDROTREATER MAIN, 25C-41A, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D229				
REACTOR, HYDROTREATER MAIN, 25C-41B, HEIGHT: 31 FT ; DIAMETER: 13 FT 6 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D230				
VESSEL, SEPARATOR, 25-C-08, LOW-TEMPERATURE, HEIGHT: 38 FT ; DIAMETER: 10 FT 1 IN A/N: 422931 Permit to Construct Issued: 01/07/05	D1256				
FILTER, 25-J-06 A/B, FUEL GAS, 2 TOTAL A/N: 422931 Permit to Construct Issued: 01/07/05	D1260				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422931 Permit to Construct Issued: 01/07/05	D1803			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: REFORMER FEED (NAPHTHA) HYDROTREATER					S13.2, S15.1, S15.2, S15.12, S31.2
COLUMN, STRIPPER, 20C-1, HEIGHT: 108 FT 7 IN; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D302				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
TANK, OIL SURGE, 20C-21, DIAMETER: 6 FT, HEIGHT: 17 FT 6.75 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D2183				
COLUMN, DEHEXANIZER, 20C-3, HEIGHT: 85 FT 6 IN; DIAMETER: 11 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D303				
ACCUMULATOR, 20C-11, DEHEXANIZER OVERHEAD, LENGTH: 20 FT ; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D304				
VESSEL, SEPARATOR, HIGH PRESSURE, 20C-2, LENGTH: 27 FT ; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D305				
VESSEL, SEPARATOR, LOW PRESSURE, 20C-18, LENGTH: 24 FT ; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D306				
KNOCK OUT POT, 20C-30, RECYCLE GAS, LENGTH: 9 FT ; DIAMETER: 5 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D307				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
ACCUMULATOR, 20C-31, STRIPPER OVERHEAD, LENGTH: 12 FT ; DIAMETER: 5 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D308				
TANK, 20C-36, STRAIGHT RUN NAPHTHA CHARGE DRUM, LENGTH: 20 FT ; DIAMETER: 7 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D309				
REACTOR, NO. 4, PRE-TREATER, 20C-26, HEIGHT: 29 FT ; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D312				
REACTOR, NO. 5, PRE-TREATER, 20C-27, HEIGHT: 25 FT ; DIAMETER: 6 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D313				
REACTOR, NO. 6, PRE-TREATER, 20C-28, DIAMETER: 14 FT A/N: 411586 Permit to Construct Issued: 01/07/05	D314				
TANK, SURGE, 20C-63, NAPHTHA FEED, HEIGHT: 21 FT ; DIAMETER: 7 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D1202				E204.1, E204.3
FILTER, GAS FILTER, 20J-3 A/N: 411586 Permit to Construct Issued: 01/07/05	D2182				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COMPRESSOR, 20K-3A, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 150-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D329				
COMPRESSOR, 20K-3B, RECYCLE GAS, RECIPROCATING, PACKED GLAND,, 150-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D330				
COMPRESSOR, 20K-3C, RECYCLE GAS, RECIPROCATING, PACKED GLAND,, 400-HP, CONDENSATE POT, DIAMETER: 6 IN; HEIGHT: 1 FT 6 IN A/N: 411586 Permit to Construct Issued: 01/07/05	D331				
COMPRESSOR, 20K-3D, RECYCLE GAS, RECIPROCATING, PACKED GLAND, 400-HP A/N: 411586 Permit to Construct Issued: 01/07/05	D1244				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411586 Permit to Construct Issued: 01/07/05	D1810			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 5: PRODUCT (Jet Fuel/Diesel/Other) HYDRODESULFURIZATION UNIT					S13.2, S15.1, S15.2, S15.10

* (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

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FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
FILTER, COALESCER, 6C-29 A/N: 409565 Permit to Construct Issued: 01/07/05	D2179				
TANK, HOLDING, 6C-1, FEED SURGE, LENGTH: 30 FT ; DIAMETER: 12 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D557				
COLUMN, FEED STRIPPER, 6C-2, HEIGHT: 50 FT 3 IN; DIAMETER: 8 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D558				
ABSORBER, AMINE, 6C-3, HEIGHT: 69 FT ; DIAMETER: 4 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D559				
VESSEL, RECYCLE COMPRESSOR SUCTION, 6C-4, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D560				
REACTOR, 6C-5, HEIGHT: 32 FT 9 IN; DIAMETER: 11 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D561				
TANK, FLASH, 6C-6, COLD, LENGTH: 20 FT ; DIAMETER: 5 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D562				
VESSEL, FLASH, 6C-7, HOT, HEIGHT: 16 FT ; DIAMETER: 6 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D563				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
COLUMN, PRODUCT STRIPPER, 6C-8, HEIGHT: 72 FT 2 IN; DIAMETER: 11 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D564				
FILTER, FUEL GAS, 6J-1 A/N: 409565 Permit to Construct Issued: 01/07/05	D2180				
FILTER, 6J-12, CLAY TREATER, 700 GPM CAPACITY, DIAMETER: 10 FT; HEIGHT: 20 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D2181				
ACCUMULATOR, 6C-9, PRODUCT STRIPPER OVERHEAD, LENGTH: 16 FT ; DIAMETER: 5 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D565				
VESSEL, FLASH, 6C-11, FOUL WATER, HEIGHT: 6 FT ; DIAMETER: 2 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D567				
VESSEL, BOOSTER COMPRESSOR SUCTION, 6C-12, HEIGHT: 8 FT ; DIAMETER: 3 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D568				
VESSEL, LOW PRESSURE GAS COMPRESSOR 1ST INTERSTAGE, 6C-14, HEIGHT: 8 FT ; DIAMETER: 2 FT 6 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D570				

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: HYDROTREATING PROCESS					P13.1
TOWER, 6C-25/26/27, CLAY TREATER, 3 TOTAL, HEIGHT: 20 FT ; DIAMETER: 10 FT A/N: 409565 Permit to Construct Issued: 01/07/05	D571				
COMPRESSOR, RECYCLE, 6K-1, RECIPROCATING TYPE WITH PACKED GLAND, 400 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D572				E336.10
COMPRESSOR, 6K-2, LOW PRESSURE GAS, RECIPROCATING TYPE WITH PACKED GLAND, 600 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D574				E336.10, H23.34
COMPRESSOR, BOOSTER, 6K-3A, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR A/N: 409565 Permit to Construct Issued: 01/07/05	D575				E336.10
COMPRESSOR, 6K-3B, RECIPROCATING TYPE WITH PACKED GLAND, 700 HP MOTOR, SPARE A/N: 409565 Permit to Construct Issued: 01/07/05	D576				E336.10
FILTER, 6J-14A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D1741				

* (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
EXXONMOBIL OIL CORPORATION

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 PROCESS					P13.1
FILTER, 6J-15A/B/C, HYDROGEN MEMBRANE, TOTAL COUNT 3, LENGTH: 1 FT 8 IN; DIAMETER: 9.5 IN A/N: 409565 Permit to Construct Issued: 01/07/05	D1742				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 409565 Permit to Construct Issued: 01/07/05	D1834			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 6: HYDROGEN PRODUCTION UNITS					
System 2: HYDROGEN PLANT NO. 2					S2.1, S4.1, S13.2, S13.5, S15.1, S15.2, S31.2
KNOCK OUT POT, 24C-1, FUEL GAS (INLINE MIXED NATURAL GAS & REFINERY GASES), COMMON TO GAS TURBINE COMBUSTOR (FUEL GAS) & H2 PLANT REACTOR (FEED GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 6 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2234				K171.7
KNOCK OUT POT, 24C-2, FEED GAS (INLINE MIXED NATURAL GAS, REFINERY GAS, H2 GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 4 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D385				

* (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
EXXONMOBIL OIL CORPORATION

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 6: HYDROGEN PRODUCTION UNITS					
VESSEL, SEPARATOR/FILTER, 24J-19, OIL/FEED GAS, HEIGHT: 4 FT ; DIAMETER: 1 FT 8 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2241				
COMPRESSOR, 24K-4A/B, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 1ST STAGE, COMMON TO GAS TURBINE (FUEL GAS) & H2 PLANT (FEED GAS) A/N: 435110 Permit to Construct Issued: 06/28/06	D2235				E336.15, H23.36, K171.7
COMPRESSOR, 24K-4A/B, H2 PLANT REFORMER REACTOR FEED GAS, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 2ND STAGE, EQUIPPED WITH CLOSED VENT SYSTEM VENTING TO VRS/FLARE A/N: 435111 Permit to Construct Issued: 06/28/06	D390				H23.34, K171.7
REACTOR, 24C-12, ZINC OXIDE, REFORMING REACTOR FEED TREATMENT, LENGTH: 19 FT 6 IN; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D369				
REACTOR, 24F-1(R), STEAM/HC REFORMING, TUBULAR TYPE, INTERNALLY INTEGRATED WITH FURNACE 24F-1 A/N: 435111 Permit to Construct Issued: 06/28/06	D2242				

* (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 6: HYDROGEN PRODUCTION UNITS					
REACTOR, HIGH TEMPERATURE SHIFT, 24C-14, HEIGHT: 21 FT ; DIAMETER: 13 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D371				
REACTOR, LOW TEMPERATURE SHIFT, 24C-50, HEIGHT: 16 FT 6 IN; DIAMETER: 3 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D1203				
KNOCK OUT POT, 24C-4, NO. 1 LOW TEMPERATURE SHIFT REACTOR EFFLUENT, LENGTH: 9 FT ; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D386				
KNOCK OUT POT, 24C-5, NO. 2 LOW TEMPERATURE SHIFT REACTOR EFFLUENT, LENGTH: 11 FT ; DIAMETER: 7 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D387				
ADSORBER, PRESSURE SWING, 24C-15 TO 24C-26, 12 TOTAL, HEIGHT: 34 FT ; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D372				
FILTER, 24J-5A/B, H2 PRODUCT GAS, 2 TOTAL, LENGTH: 8 FT ; DIAMETER: 1 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D392				

* (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
EXXONMOBIL OIL CORPORATION

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 6: HYDROGEN PRODUCTION UNITS					
VESSEL, 24C-7, PSA GAS SURGE, HEIGHT: 67 FT 1 IN; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2243				
VESSEL, 24C-6, PSA GAS MIX, HEIGHT: 93 FT 8 IN; DIAMETER: 12 FT 6 IN A/N: 435111 Permit to Construct Issued: 06/28/06	D2244				
VESSEL, DEAERATOR, 24C-10, VENT TO ATMOSPHERE, HEIGHT: 10 FT ; DIAMETER: 10 FT A/N: 435111 Permit to Construct Issued: 06/28/06	D2245				
System 3: HYDROGEN PRODUCTION UNITS HEATERS					
FURNACE, HYDROGEN PLANT REFORMING, 4F-1, LIQUIFIED PETROLEUM GAS, NATURAL GAS, REFINERY GAS, WITH ZEECO BURNERS MODEL GLSF10, WITH LOW NOX BURNER, 527 MMBTU/HR WITH A/N: BURNER, LO-NOX, NATURAL GAS, REFINERY GAS, ZEECO, MODEL GLSF10, WITH LOW NOX BURNER, 136 TOTAL; 527 MMBTU/HR	D367	S1971 S2021	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 (5A) [**RULE 409, 8-7-1981**]	B61.3, D28.8, D90.12, E193.16, H23.13, K40.4
Process 8: ALKYLATION UNIT					P13.1
System 5: N-BUTANE (ALKYLATION PRODUCT) TREATING					S7.5, S46.1

* (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
EXXONMOBIL OIL CORPORATION

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 8: ALKYLATION UNIT					P13.1
TOWER, 10C-11, ALUMINA A/N: 384498 Permit to Construct Issued: 11/15/01	D1995				
VESSEL, 10C-12, KOH TREATER A/N: 384498 Permit to Construct Issued: 11/15/01	D1996				
Process 9: GAS PRODUCTION PROCESS					P13.1
System 6: ISOBUTANE (ALKYLATION FEED) TREATING					S13.2, S15.2, S15.15, S31.2
VESSEL, COALESCER, 11C-10, ISOBUTANE, LENGTH: 10 FT 9 IN; DIAMETER: 4 FT A/N: 411508 Permit to Construct Issued: 10/10/03	D479				

* (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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 9: GAS PRODUCTION PROCESS					P13.1
DRYER, MOLECULAR SIEVES ADSORBENT, ISOBUTANE (ALKYLATION FEED), 2 TOTAL FOR ALTERNATING REGENERATION, LENGTH: 18 FT ; DIAMETER: 4 FT WITH A/N: 411508 Permit to Construct Issued: 10/10/03 PUMP, 2 TOTAL (ONE SPARE), 5 BHP EACH, DOUBLE MECHANICAL SEALS WITH PUMP SEAL CHAMBER VENTED TO VAPOR RECOVERY SYSTEM HEAT EXCHANGER, VAPORIZER, SHELL AND FINNED TUBE TYPE HEAT EXCHANGER, COOLER, SHELL AND FINNED TUBE TYPE	D2130				K171.2
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 411508 Permit to Construct Issued: 10/10/03	D2123				H23.34
Process 11: TREATING/STRIPPING PROCESS					P13.1
System 12: Fuel gas treating Unit 27/MEROX mercaptan-extraction & oil absorption					S13.2, S15.1, S31.3

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

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FACILITY PERMIT TO OPERATE
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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 11: TREATING/STRIPPING PROCESS					P13.1
COLUMN, MERCAPTAN-EXTRACTION (COMBINATION COLUMN), 27C-09A, CAUSTIC WASH, HEIGHT: 132 FT 6 IN; DIAMETER: 6 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1320				
KNOCK OUT POT, 27C-05A, OIL ABSORBER FEED, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1316				
VESSEL, MERCAPTAN-OIL ABSORBER, 27C-15A, KEROSINE, HEIGHT: 61 FT ; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D2246				
VESSEL, FLASH, 27C-29A, RICH KEROSENE, HEIGHT: 10 FT 6 IN; DIAMETER: 5 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D2247			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9
VESSEL, OXIDIZER/CAUSTIC, 27C-10A, HEIGHT: 34 FT ; DIAMETER: 3 FT 6 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1322				
POT, ADDITION, 27C-14A, OXIDIZER CATALYST, HEIGHT: 3 FT ; DIAMETER: 1 FT 10 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1330				

* (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

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: TREATING/STRIPPING PROCESS					P13.1
VESSEL, SEPARATOR, 27C-11A, DISULFIDE, LENGTH: 33 FT ; DIAMETER: 6 FT 6 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1324			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.17
FILTER, SAND, 27C-27A, KEROSENE/DISULFIDE, HEIGHT: 7 FT ; DIAMETER: 3 FT A/N: 475236 Permit to Construct Issued: 10/30/08	D1341			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9
VESSEL, DEGASSING, 27C-13A, SPENT CAUSTIC, HEIGHT: 10 FT ; DIAMETER: 2 FT 4 IN A/N: 475236 Permit to Construct Issued: 10/30/08	D1328			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.9
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 475236 Permit to Construct Issued: 10/30/08	D2249			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
Process 12: SULFUR PRODUCTION PROCESS					P13.1
System 1: CLAUS TRAIN A					S13.6, S15.1, S15.2, S18.3
PIT, ACCUMULATOR, 29R-1A, SULFUR A/N: 353806 Permit to Construct Issued: 07/06/99	D668			**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
System 2: CLAUS TRAIN B					S13.6, S15.1, S15.2, S18.3

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

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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 12: SULFUR PRODUCTION PROCESS					P13.1
PIT, ACCUMULATOR, 29R-1B, SULFUR A/N: 355279 Permit to Construct Issued: 07/06/99	D671	C952		**H2S**: 10 PPMV (5) [**RULE 468, 10-8-1976**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #4, 4-20-2006**]; **SOX**: 500 PPMV (5A) [**RULE 468, 10-8-1976**]; **SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	
System 5: TAIL GAS INCINERATORS					
OXIDIZER, THERMAL, 29F-4, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNER, 100 MMBTU/HR WITH A/N: 353811 Permit to Construct Issued: 07/06/99 BURNER, NATURAL GAS, REFINERY GAS, WITH LOW NOX BURNER, 100 MMBTU/HR	C952	D653 D671 S1953	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**]	C8.8, D28.25, D82.1, H23.13
System 6: SULFUR STORAGE					S15.5
PIT, STORAGE, 28R- 137, SULFUR, ACID-RESISTANT CONCRETE, 9163 BBLS, WITH 2 PRV EMERGENCY VENTING TO ATMOSPHERE, WIDTH: 48 FT ; DEPTH: 14 FT 3 IN; LENGTH: 75 FT A/N: 475234 Permit to Construct Issued: 10/30/08	D1375			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.18
Process 13: LOADING/UNLOADING PROCESS					P13.1
System 1: LPG/LSR RAIL CAR LOADING/UNLOADING RACK					S7.5, S15.1, S15.2, S31.2

* (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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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: LOADING/UNLOADING PROCESS					P13.1
LOADING AND UNLOADING ARM, LIQUIFIED PETROLEUM GAS, 16 TOTAL; DIAMETER: 2 IN A/N: 384499 Permit to Construct Issued: 11/15/01	D675				E193.6, E336.7, K67.4
LOADING AND UNLOADING ARM, LIGHT STRAIGHT RUN, LIQUIFIED PETROLEUM GAS, 8 TOTAL; DIAMETER: 2 IN A/N: 384499 Permit to Construct Issued: 11/15/01	D1994				C1.53, E336.6, K67.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 384499 Permit to Construct Issued: 11/15/01	D1855			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 3: GASOLINE LOADING RACK NO. 1					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, BOTTOM, LOADING RACK NO. 1, GASOLINE, WITH VAPOR RECOVERY SYSTEM, 6 TOTAL; DIAMETER: 4 IN A/N: 389291 Permit to Construct Issued: 11/16/01	D1526			**TOC**: 35 MG/L (8) [**40CFR 60 Subpart XX, 12-19-2003**]; **VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	C1.47
System 4: GASOLINE LOADING RACK NO. 3					S7.5, S13.7, S15.1, S15.2, S31.2
LOADING ARM, TANK TRUCK, LOADING RACK NO. 3, GASOLINE, WITH VAPOR RECOVERY SYSTEM, 6 TOTAL; DIAMETER: 4 IN A/N: 389292 Permit to Construct Issued: 11/15/01	D1520			**TOC**: 35 MG PER DSCM (8) [**40CFR 60 Subpart XX, 12-19-2003**]; **VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	C1.47

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 13: LOADING/UNLOADING PROCESS					P13.1
System 6: LIQUID SULFUR TRUCK LOADING					S15.5
LOADING ARM, TOP, ONE 2" OVERHEAD SWING-TYPE, WITH 3" FLEXIBLE VAPOR RECOVERY HOSE, DIAMETER: 2 IN A/N: 475232 Permit to Construct Issued: 10/30/08	D644			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E336.18
System 7: SULFUR VAPOR COLLECTION SYSTEM					S15.6, S18.4
POT, 28C-XP, CONDENSATE COLLECTION, H2S TREATED VENT STREAMS, 92 GALS; DIAMETER: 2 FT 6 IN; HEIGHT: 2 FT 6 IN WITH A/N: 509104 Permit to Construct Issued: 03/30/10 DRUM, PORTABLE, CONDENSATE RECEIVED FROM 28C-XP (VIA 3.5 BHP DIAPHRAGM PUMP), 55 GALS; DIAMETER: 2 FT ; HEIGHT: 3 FT	D2408			**SOX**: 500 PPMV (5) [**RULE 407, 4-2-1982**]	E193.21, E193.22, K67.19, K171.19
EDUCTOR, STEAM, 28H-6A, H2S TREATED STREAMS, (CARBON VESSELS 28C-107 & 108 EFFLUENT & INCINERATOR 28F-11 INFLUENT), 350 SCFM A/N: 509104 Permit to Construct Issued: 03/30/10	D2391				E71.14, E193.23, K67.20, K171.20

* (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 13: LOADING/UNLOADING PROCESS					P13.1
EDUCTOR, STEAM, 28H-6B, H2S TREATED STREAMS, STANDBY TO 28H-6A EDUCTOR, (CARBON VESSELS 28C-107 & 108 EFFLUENT & INCINERATOR 28F-11 INFLUENT), 350 SCFM A/N: 509104 Permit to Construct Issued: 03/30/10	D2409				E71.15, E193.23, K67.20, K171.20
System 8: APC SYSTEM					S18.5
KNOCK OUT POT, 28J-61, SULFUR STORAGE PIT 28R-137 & TRUCK LOADING VENT GAS, HEIGHT: 6 FT 10 IN; DIAMETER: 2 FT 11 IN A/N: 475231 Permit to Construct Issued: 10/30/08	D2392				
CARBON ADSORBER, VESSEL, 28C-107, SERVING SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, MIDAS OCM H2S TREATING, ACTIVATED CARBON-METAL OXIDE MATRIX, USFILTER, IN SERIES WITH VESSEL 28C-108 & INCINERATOR 28F-11, DIA: 4 FT, H: 12 FT, 3000 LBS A/N: 475231 Permit to Construct Issued: 10/30/08	C2393				D90.13, D90.14, E153.7, K67.18

* (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
EXXONMOBIL OIL CORPORATION

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 13: LOADING/UNLOADING PROCESS					P13.1
CARBON ADSORBER, VESSEL, 28C-108, SERVING SULFUR STORAGE PIT 28R-137 & TRUCK LOADING, MIDAS OCM H2S TREATING, ACTIVATED CARBON-METAL OXIDE MATRIX, USFILTER, IN SERIES WITH VESSEL 28C-107 & INCINERATOR 28F-11, DIA: 4 FT, H: 12 FT, 3000 LBS A/N: 477259 Permit to Construct Issued: 10/30/08	C2394				D90.13, D90.14, E153.7, K67.18
KNOCK OUT POT, 28C-103, DISULFIDE SEPARATOR VENT GAS, HEIGHT: 8 FT ; DIAMETER: 1 FT 6 IN A/N: 483878 Permit to Construct Issued: 10/30/08	D2248				
INCINERATOR, 28F-11, NATURAL GAS, PROCESS GAS, REFINERY GAS, H2S TREATED SULFUR STORAGE PIT & TRUCK LOADING VENT STREAMS, 60 MMBTU/HR WITH A/N: 483878 Permit to Construct Issued: 10/30/08 BURNER, NATURAL GAS, REFINERY GAS, 4 TOTAL; 60 MMBTU/HR	C626	S1766		**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**]	B61.3, C8.3, D29.5, D90.12, D90.14, D328.2, E193.16, H23.13
STACK, HEIGHT: 150 FT ; DIAMETER: 6 FT 6 IN A/N: 483878 Permit to Construct Issued: 10/30/08	S1766				

* (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
EXXONMOBIL OIL CORPORATION

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 13: LOADING/UNLOADING PROCESS					P13.1
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 483878 Permit to Construct Issued: 10/30/08	D1844			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 9: VACUUM RESID LOADING/UNLOADING					S1.3, S13.8, S15.6
LOADING AND UNLOADING ARM, TANK TRUCK, TOP, 50J-28A/B, VACCUM RESID, LOADING BAY NO. 1, 2 TOTAL; DIAMETER: 4 IN A/N: 369333 Permit to Construct Issued: 06/09/00	D1767	C1769		**VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	
LOADING AND UNLOADING ARM, TANK TRUCK, TOP, 50J-29A/B, VACUUM RESID, LOADING BAY NO. 2, 2 TOTAL; DIAMETER: 4 IN A/N: 369334 Permit to Construct Issued: 06/09/00	D1768	C1769		**VOC**: 0.08 LBS/1000 GAL (5) [**RULE 462, 5-14-1999**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 369334 Permit to Construct Issued: 06/09/00	D2351			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 10: APC SYSTEM SERVING VACUUM RESID LOADING/UNLOADING					S18.6
MIST ELIMINATOR, 50J-27, KOCH-GLITSCH, INC, AVS-1500, MODEL BD-PFF-MKII, SERVING LOADING BAYS NO. 1 & 2, HEIGHT: 11 FT ; DIAMETER: 4 FT 6 IN A/N: 369338 Permit to Construct Issued: 06/09/00	C1769	D1767 D1768 C1776			D12.9

* (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
EXXONMOBIL OIL CORPORATION

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 13: LOADING/UNLOADING PROCESS					P13.1
OXIDIZER, CATALYTIC, THERMAL, 50J-30, NATURAL GAS, PROCESS GAS, PROPANE, 1.7 MMBTU/HR A/N: 369332 Permit to Construct Issued: 06/09/00	C1776	C1769 S2017	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	**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**]; **SOX**: 82 PPMV NATURAL GAS (7) [**RULE 2011, 5-6-2005**]	C1.16, C8.6, C8.7, D12.5, D28.5, D28.9, H23.13, K40.5
STACK A/N: 369332 Permit to Construct Issued: 06/09/00	S2017	C1776			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 369332 Permit to Construct Issued: 06/09/00	D2352			**HAP**: (10) [**40CFR 63 Subpart CC, #5A, 6-23-2003**]	H23.34
System 11: ETHANOL UNLOADING RACK					S7.5, S31.2
UNLOADING ARM, TRUCK, ETHANOL, 2 TOTAL; DIAMETER: 4 IN A/N: 385155 Permit to Construct Issued: 11/15/01	D2006				
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 385155 Permit to Construct Issued: 11/15/01	D2014				H23.34
Process 14: WASTEWATER SEPARATION PROCESS					P13.1
System 4: SELENIUM TREATMENT SYSTEM					S7.6

* (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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 14: WASTEWATER SEPARATION PROCESS					P13.1
TANK, OXIDATION, 28D-56, STRIPPED SOUR WATER, WITH FLOATING ROOF, PV VENT,AND INTERNAL RECIRCULATION EDUCTOR, 360000 GALS; DIAMETER: 35 FT ; HEIGHT: 50 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2157				
TANK, 28D-57,, HYDROGEN PEROXIDE, 7400 GALS; DIAMETER: 12 FT ; HEIGHT: 11 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2158				
TANK, 28D-58, FERRIC CHLORIDE, 6000 GALS; DIAMETER: 11 FT ; HEIGHT: 11 FT 6 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2159				
TANK, 28D-59, CAUSTIC, 6000 GALS; DIAMETER: 11 FT ; HEIGHT: 11 FT 6 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2160				
TANK, 28D-60, CLARIFIER POLYMER, HEIGHT: 3 FT 4 IN; DIAMETER: 4 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2161				
REACTOR, CLARIFIER, 28C-105, 211340 GAL, COVERED WITH ATMOSPHERIC VENT AND MIXER, HEIGHT: 17 FT ; DIAMETER: 46 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2162				

* (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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 14: WASTEWATER SEPARATION PROCESS					P13.1
TANK, 28C-106, SOLIDS THICKENER, COVERED WITH ATMOSPHERIC VENT, 50200 GALS; DIAMETER: 23 FT ; HEIGHT: 28 FT 5 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2163				
TANK, MIX, 28M-2, SLUDGE, WITH TWO TOP ENTRY MIXERS, 10500 GALS; WIDTH: 8 FT 6 IN; HEIGHT: 10 FT ; LENGTH: 24 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2164				
TANK, 28D-62, DEWATERING POLYMER, 275 GALS; DIAMETER: 4 FT ; HEIGHT: 3 FT 4 IN A/N: 430959 Permit to Construct Issued: 08/12/04	D2165				
FILTER, 28M-1, CENTRIFUGE, CAPACITY 80 GPM, TYPE: TWO PHASE DECANTER,, 75 HP A/N: 430959 Permit to Construct Issued: 08/12/04	D2166				E193.12
TANK, 28D-61, EFFLUENT CATCH, 210 GALS; DIAMETER: 3 FT ; HEIGHT: 4 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2167				
SUMP, 28R-141, CLARIFIED WATER, WIDTH: 10 FT ; HEIGHT: 10 FT ; LENGTH: 10 FT A/N: 430959 Permit to Construct Issued: 08/12/04	D2168				

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
System 5: INTERNAL FLOATING ROOF					S13.4
STORAGE TANK, 15X420, ETHANOL, 1500 BBL; DIAMETER: 24 FT ; HEIGHT: 18 FT 4 IN WITH A/N: 384491 Permit to Construct Issued: 11/15/01 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D1997				C1.43, C6.1, D182.6, E193.8
STORAGE TANK, 15X421, ETHANOL, 1500 BBL; DIAMETER: 24 FT ; HEIGHT: 18 FT 4 IN WITH A/N: 385157 Permit to Construct Issued: 11/15/01 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED	D2001				C1.43, C6.1, D182.6, E193.8
System 6: DOMED EXTERNAL FLOATING ROOF STORAGE					S13.10

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X52, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 453880 Permit to Construct Issued: 03/23/06 FLOATING ROOF, DOUBLE DECK, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED GUIDEPOLE, SLOTTED, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER DOME COVER, GEODESIC DOME	D753			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	H23.32, K67.2, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X67, GASOLINE, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 410655 Permit to Construct Issued: 08/15/03 DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D764			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.65, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X54, RIVETED, 134000 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 45 FT 6 IN WITH A/N: 420623 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D755			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 1340X55, RIVETED, 134000 BBL; DIAMETER: 144 FT 3 IN; HEIGHT: 46 FT WITH A/N: 420624 Permit to Construct Issued: 07/02/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D756			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X92, RIVETED, 80000 BBL; DIAMETER: 117 FT 6 IN; HEIGHT: 41 FT 2 IN WITH A/N: 420620 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D746			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, EXTERNAL FLOATING ROOF, 800X95, RIVETED, 80000 BBL; DIAMETER: 120 FT ; HEIGHT: 40 FT WITH A/N: 420621 Permit to Construct Issued: 07/02/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D745			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 300X33, WELDED, 30000 BBL; DIAMETER: 67 FT ; HEIGHT: 47 FT 5 IN WITH A/N: 432489 Permit to Construct Issued: 08/26/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D701			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.4

* (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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 300X34, WELDED, 30000 BBL; DIAMETER: 67 FT ; HEIGHT: 47 FT 6 IN WITH A/N: 432490 Permit to Construct Issued: 08/26/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D740			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.4

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X57, RIVETED, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 45 FT 5 IN WITH A/N: 432491 Permit to Construct Issued: 08/26/04 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D758			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.4

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 1340X61, WELDED, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 47 FT 11 IN WITH A/N: 432493 Permit to Construct Issued: 08/26/04 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, CATEGORY B DOME COVER, GEODESIC GUIDEPOLE, ONE SLOTTED, GASKETED SLIDING COVER, WITH FLOAT, SLEEVE & WIPER	D775			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.4

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 400X11, GASOLINE, 40000 BBL; DIAMETER: 95 FT 5 IN; HEIGHT: 32 FT WITH A/N: 442860 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D742			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.29, K171.1

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 400X12, GASOLINE, 40000 BBL; DIAMETER: 94 FT 1 IN; HEIGHT: 32 FT WITH A/N: 442863 Permit to Construct Issued: 01/25/06 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D743			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.29, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 300X9, GASOLINE, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: 442864 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D734			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.33, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 300X10, GASOLINE, 30000 BBL; DIAMETER: 78 FT ; HEIGHT: 38 FT WITH A/N: 442866 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C)(4), RIM MOUNTED DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D735			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	C1.33, K171.1

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, WELDED SHELL, EXTERNAL FLOATING ROOF, 1340X60, 134000 BBL; DIAMETER: 140 FT ; HEIGHT: 48 FT WITH A/N: 442867 Permit to Construct Issued: 01/25/06 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D759			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1

* (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
EXXONMOBIL OIL CORPORATION

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 15: PETROLEUM STORAGE					P13.1
STORAGE TANK, RIVETED SHELL, EXTERNAL FLOATING ROOF, 1340X62, 134000 BBL; DIAMETER: 144 FT ; HEIGHT: 46 FT WITH A/N: 442868 Permit to Construct Issued: 01/25/06 FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE DOME COVER, GEODESIC GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED	D760			**HAP**: (10) [**40CFR 63 Subpart CC, #3A, 6-23-2003**]	K67.2, K171.1
Process 17: PETROLEUM MISCELLANEOUS PROCESSES					
System 17: SUMP, COVERED & CONTROLLED					

* (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
EXXONMOBIL OIL CORPORATION

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: PETROLEUM MISCELLANEOUS PROCESSES					
SUMP, WASH WATER COLLECTION SERVING A MACHINE SHOP WASH PAD, THREE COMPARTMENTS, CONCRETE WITH 6 IN. WALLS, FIXED COVER, WITH ACTIVATED CARBON ADSORPTION, SUBMERGED FILLING, 6434 GALS; WIDTH: 10 FT 10 IN; DEPTH: 8 FT ; LENGTH: 18 FT 6 IN A/N: 416818 Permit to Construct Issued: 12/31/03	D2136	C2135		**VOC**: 500 PPMV (5) [**RULE 1176, 9-13-1996**]	E71.8, K171.3
CARBON ADSORBER, TOTAL OF 2, CONNECTED IN SERIES, EACH 180 LBS A/N: 416818 Permit to Construct Issued: 12/31/03	C2135	D2136			D90.6, E128.2, E153.4
Process 18: ELECTRICITY GENERATION					
System 1: COGENERATION SYSTEM					S15.1, S31.2
KNOCK OUT POT, 24C-1, FUEL GAS (INLINE MIXED NATURAL GAS & REFINERY GASES), COMMON TO GAS TURBINE COMBUSTOR (FUEL GAS) & H2 PLANT REACTOR (FEED GAS), HEIGHT: 9 FT 6 IN; DIAMETER: 6 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2234				K171.7

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 18: ELECTRICITY GENERATION					
COMPRESSOR, 24K-4A/B, RECIPROCATING, 2 TOTAL IN PARALLEL, 4500-HP EACH, 1ST STAGE, COMMON TO GAS TURBINE (FUEL GAS) & H2 PLANT (FEED GAS) A/N: 435110 Permit to Construct Issued: 06/28/06	D2235				E336.15, H23.36, K171.7
VESSEL, SEPARATOR, 24C-45, FUEL GAS, HEIGHT: 3 FT 11 IN; DIAMETER: 1 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2236				K171.7
VESSEL, COALESCER, 24C-68A/B, FUEL GAS, 2 TOTAL IN PARALLEL, HEIGHT: 10 FT ; DIAMETER: 3 FT A/N: 435110 Permit to Construct Issued: 06/28/06	D2237				K171.7

* (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
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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 18: ELECTRICITY GENERATION					
TURBINE, 24J-01, COGENERATION SYSTEM, (COMBINED CYCLE), AIR COMPRESSOR, BUTANE, NATURAL GAS, PROPANE, REFINERY GAS, GE MODEL 52614P, COMBUSTOR WITH STEAM INJECTION, GAS TURBINE, 316 MMBTU/HR WITH A/N: 435110 Permit to Construct Issued: 06/28/06 GENERATOR, ELECTRIC, 22.83 MW	D926	D925	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 88.54 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **NOX**: 9 PPMV (4) [**RULE 2005, 5-6-2005**]; **NOX**: 42 LBS/HR (7) [**RULE 2005, 5-6-2005**]; **NOX**: 210 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **PM**: 0.01 GRAINS/SCF (5) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM**: 0.1 GRAINS/SCF (5B) [**RULE 409, 8-7-1981**]; **PM**: 11 LBS/HR (5A) [**RULE 475, 10-8-1976;** *RULE 475, 8-7-1978*]; **PM10**: 24.94 LBS/HR (7) [**RULE 1303(b)(2) -Offset, 5-10-1996**]; **ROG**: 62.35 LBS/HR (7) [**RULE 1303(b)(2)-Offset, 5-10-1996**]; **SO2**: 20 PPMV (8A) [**40CFR 60 Subpart J, 6-24-2008**]; **SO2**: 150 PPMV (8) [**40CFR 60 Subpart GG, 2-24-2006**]; **SOX**: 17.03 LBS/HR (7) [**RULE 2005, 5-6-2005**]	A195.1, A327.1, B61.4, B61.6, D28.22, D28.23, D82.3, D82.4, D90.3, D182.3, D182.4, H23.15, K171.5

* (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
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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:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 18: ELECTRICITY GENERATION					
TURBINE, 24J-2, UNFIRED, STEAM TURBINE WITH A/N: 435110 Permit to Construct Issued: 06/28/06 GENERATOR, ELECTRIC, 19.3 MW	D2239				K171.5
Process 19: AIR POLLUTION CONTROL PROCESS					
System 1: REFINERY EMERGENCY RELIEF SYSTEM					S13.2, S18.1
FLARE, ELEVATED WITH STEAM INJECTION, WEST, 65F-3, HEIGHT: 200 FT ; DIAMETER: 4 FT A/N:	C891				B61.5, D12.6, D323.2, E193.2, H23.13, H23.35
FLARE, GROUND FLARE, ZTOF 65F-8, NO. 2, EMERGENCY, PRIMARY, AUTOMATIC STEAM CONTROLS, JOHN ZINK, FOUR STAGE, HEIGHT: 125 FT ; DIAMETER: 42 FT A/N: 426464 Permit to Construct Issued: 01/07/05	C894			**CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]	B61.5, D12.10, D323.2, E193.2, H23.13, H23.35
System 3: Coker Offgas/Central Vapor Recovery Compressor System					S7.5, S13.2, S15.1, S15.14, S18.8
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-37 A/N: 443875 Permit to Construct Issued: 10/18/06	D982				E71.6, H23.34
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-38 A/N: 443875 Permit to Construct Issued: 10/18/06	D983				E71.6, H23.34

* (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 19: AIR POLLUTION CONTROL PROCESS					
COMPRESSOR, VAPOR RECOVERY GAS, RECIPROCATING, 22K-39 A/N: 443875 Permit to Construct Issued: 10/18/06	D984				E71.6, H23.34
Process 22: GROUNDWATER (GW) TREATMENT					P13.1
System 1: ENVIREX Biotreatment&Liquid Phase Carbon Adsorption (Lower Layer GW)					S4.3, S13.2
TANK, #1&2, EQUALIZATION, FIXED COVER, LOWER LAYER GROUNDWATER, EXTRACTED FROM 6 WELLS (EW01-EW06) WITH SUBMERGED PUMPS, 2 TOTAL, 21000 GALS; WIDTH: 8 FT ; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2112	C2113		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	
CARBON ADSORBER, ACTIVATED CARBON, 2 IN SERIES, 180 LBS EACH A/N: 404805 Permit to Construct Issued: 05/27/03	C2113	D2112			D90.5, D94.1, E128.1, E153.1
FILTER, 72J-26, REACTOR INLET STRAINER A/N: 404805 Permit to Construct Issued: 05/27/03	D2114				

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
REACTOR, BIOREACTOR, 72D-43, ENVIREX, FIXED COVER, WITH NUTRIENT & DISSOLVED OXYGEN INJECTORS, 32000 GALS; DIAMETER: 14 FT ; HEIGHT: 28 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2115	C2118		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	E193.9
VESSEL, PRESSURIZED BUBBLE CONTACTOR, 72C-40, 75 PSIG, SERVES TO DISSOVE O2 IN THE REACTOR VESSEL, HEIGHT: 25 FT ; DIAMETER: 5 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2116				
VESSEL, SEPARATOR, 72D-44, FIXED COVER, WITH HYPOCHLORITE & POLYMER INJECTORS AT THE EFFLUENT, 10500 GALS; DIAMETER: 8 FT ; HEIGHT: 28 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2117	C2118		**BENZENE**: 5 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]; **VOC**: 50 PPMV (4) [**RULE 1303(a)(1)-BACT, 5-10-1996**]; **VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	
CARBON ADSORBER, ACTIVATED CARBON, 2 PARALLEL TRAINS (ONE SPARE), EACH WITH TWO 180 LBS CARBON CANISTERS IN SERIES A/N: 404805 Permit to Construct Issued: 05/27/03	C2118	D2115 D2117			D90.5, D94.1, E128.1, E153.1

* (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
EXXONMOBIL OIL CORPORATION

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 22: GROUNDWATER (GW) TREATMENT					P13.1
FILTER, PRESSURIZED VESSEL, 72J-29, DUAL MEDIA, 100 PSIG, LENGTH: 32 FT ; DIAMETER: 8 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2119				
VESSEL, ACTIVATED CARBON, 72J-15A/B & 72J-16A/B, LIQUID PHASE, 2 PARALLEL TRAINS, EACH WITH TWO VESSELS IN SERIES, HEIGHT: 19 FT 4 IN; DIAMETER: 10 FT A/N: 404805 Permit to Construct Issued: 05/27/03	D2120			**HAP**: (10) [**40CFR 63 Subpart CC, #4, 6-23-2003**]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 404805 Permit to Construct Issued: 05/27/03	D2111			**VOC**: 500 PPMV (8) [**40CFR 61 Subpart FF, 12-4-2003**]	H23.34
Process 23: RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
System 1: FCCU, Cracking System					S4.1, S13.2, S15.1, S42.2
REACTOR, 2C-4, WITH INTERNAL REACTOR RISER & 1ST & 2ND STAGE CATALYST SEPARATORS, HEIGHT: 44 FT ; DIAMETER: 23 FT 6 IN WITH A/N: 485241 Permit to Construct Issued: 11/26/08 COLUMN, STRIPPER, STEAM, 2C-5, HC VAPOR/SPENT CATALYST, HEIGHT: 25 FT 6 IN; DIAMETER: 12 FT 6 IN	D2402				E336.19

* (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
EXXONMOBIL OIL CORPORATION

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 23: RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
REGENERATOR, 2C-3, HEIGHT: 45 FT ; DIAMETER: 37 FT 2 IN WITH A/N: 485241 Permit to Construct Issued: 11/26/08	D2404	C164 C165 C166 C1590 C1772 C2283 C2284	NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE**	**CO**: 500 PPMV (8) [**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **CO**: 2000 PPMV (5) [**RULE 407, 4-2-1982**]; **HAP**: (10) [**40CFR 63 Subpart UUU, #2, 4-20-2006**]; **NH3**: 10 PPMV (5) [**RULE 1105.1, 11-7-2003**]; **NOX**: 20 PPMV (8) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **NOX**: 40 PPMV (8A) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **NOX**: 140 PPMV (8B) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **PM**: (9) [**RULE 404, 2-7-1986; RULE 405, 2-7-1986**]; **PM**: 0.1 GRAINS/SCF (5) [**RULE 409, 8-7-1981**]; **PM**: 1 LB(S)/1000 LBS (8) [**40CFR 60 Subpart J, 6-24-2008**]; **PM10**: 0.005 GRAINS/SCF (5) [**RULE 1105.1, 11-7-2003**]; **PM10**: 2.8 LBS/1000 BBLS (5A) [**RULE 1105.1, 11-7-2003**]; **PM10**: 3.6 LBS/HR (5B) [**RULE 1105.1, 11-7-2003**]; **SOX**: 25 PPMV (8) [**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]; **SOX**: 50 PPMV (8A) [**40CFR 60 Subpart J,**	A63.4, A99.1, A99.2, A99.3, A195.2, A195.3, A195.4, A195.5, A195.6, A195.7, A195.8, D29.3, D82.2, D82.5, D90.4, E193.18, E193.20, E448.2, H23.17, K67.14, K67.15

* (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
EXXONMOBIL OIL CORPORATION

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 23: RULE 441 RESEARCH OPERATIONS PERMIT					P13.1
INJECTOR, FCCU CYCLE OIL/HYDROTREATED GAS OIL INJECTOR, HOPPER, CO PROMOTER CATALYST, 2G-19, D: 2 FT, H: 4 FT 4 IN INJECTOR, CATALYST ADDITIVES (GRACE DAVISON OLEFINSMAX ZSM-5), SOX SUPER REDUCING CATALYST (GRACE DAVISON SUPER DESOX), BASE CATALYST (GRACE DAVISON GENESIS-2634), CO PROMOTER (GRACE DAVISON CP-5)				**6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]	

* (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
EXXONMOBIL OIL CORPORATION

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
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D4	1	1	4
D21	1	1	4
D22	2	1	4
D57	2	2	1
D58	2	2	1
D59	2	2	1
D60	3	2	1
D61	3	2	1
D62	3	2	1
D88	3	2	2
D89	3	2	2
D90	3	2	2
D91	3	2	2
D151	5	3	1
C164	6	3	2
C165	8	3	2
C166	7	3	2
D169	11	4	1
D170	11	4	1
D171	11	4	1
D172	12	4	1
D173	12	4	1
D174	12	4	1
D175	12	4	1
D176	13	4	1
D177	13	4	1
D178	13	4	1
D188	13	4	1
D189	13	4	1
D190	13	4	1
D191	13	4	1
D192	13	4	1
D193	14	4	1
D194	14	4	1

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D196	14	4	1
D197	14	4	1
D198	14	4	1
D200	14	4	1
D201	14	4	1
D202	15	4	1
D206	15	4	1
D221	15	4	1
D224	15	4	1
D225	15	4	1
D227	15	4	1
D228	15	4	1
D229	16	4	1
D230	16	4	1
D302	16	4	3
D303	17	4	3
D304	17	4	3
D305	17	4	3
D306	17	4	3
D307	17	4	3
D308	18	4	3
D309	18	4	3
D312	18	4	3
D313	18	4	3
D314	18	4	3
D329	19	4	3
D330	19	4	3
D331	19	4	3
D367	26	6	3
D369	24	6	2
D371	25	6	2
D372	25	6	2
D385	23	6	2
D386	25	6	2

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D387	25	6	2
D390	24	6	2
D392	25	6	2
D479	27	9	6
D557	20	4	5
D558	20	4	5
D559	20	4	5
D560	20	4	5
D561	20	4	5
D562	20	4	5
D563	20	4	5
D564	21	4	5
D565	21	4	5
D567	21	4	5
D568	21	4	5
D570	21	4	5
D571	22	4	5
D572	22	4	5
D574	22	4	5
D575	22	4	5
D576	22	4	5
C626	35	13	8
D644	33	13	6
D668	30	12	1
D671	31	12	2
D675	32	13	1
D701	47	15	6
D734	53	15	6
D735	54	15	6
D740	48	15	6
D742	51	15	6
D743	52	15	6
D745	46	15	6
D746	45	15	6

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D753	41	15	6
D755	43	15	6
D756	44	15	6
D758	49	15	6
D759	55	15	6
D760	56	15	6
D764	42	15	6
D775	50	15	6
C891	60	19	1
C894	60	19	1
D926	59	18	1
C952	31	12	5
D982	60	19	3
D983	60	19	3
D984	61	19	3
D1202	18	4	3
D1203	25	6	2
D1244	19	4	3
D1256	16	4	1
D1260	16	4	1
D1316	29	11	12
D1320	29	11	12
D1322	29	11	12
D1324	30	11	12
D1328	30	11	12
D1330	29	11	12
D1341	30	11	12
D1375	31	12	6
D1520	32	13	4
D1526	32	13	3
S1739	6	3	1
D1741	22	4	5
D1742	23	4	5
S1766	35	13	8

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D1767	36	13	9
D1768	36	13	9
C1769	36	13	10
C1772	9	3	2
C1776	37	13	10
D1803	16	4	1
D1810	19	4	3
D1834	23	4	5
D1844	36	13	8
D1855	32	13	1
D1994	32	13	1
D1995	27	8	5
D1996	27	8	5
D1997	40	15	5
D2001	40	15	5
D2006	37	13	11
D2014	37	13	11
S2017	37	13	10
D2111	63	22	1
D2112	61	22	1
C2113	61	22	1
D2114	61	22	1
D2115	62	22	1
D2116	62	22	1
D2117	62	22	1
C2118	62	22	1
D2119	63	22	1
D2120	63	22	1
D2123	28	9	6
D2130	28	9	6
C2135	57	17	17
D2136	57	17	17
D2157	38	14	4
D2158	38	14	4

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D2159	38	14	4
D2160	38	14	4
D2161	38	14	4
D2162	38	14	4
D2163	39	14	4
D2164	39	14	4
D2165	39	14	4
D2166	39	14	4
D2167	39	14	4
D2168	39	14	4
D2179	20	4	5
D2180	21	4	5
D2181	21	4	5
D2182	18	4	3
D2183	17	4	3
D2184	11	4	1
D2185	12	4	1
D2187	12	4	1
D2188	12	4	1
D2234	23	6	2
D2234	57	18	1
D2235	24	6	2
D2235	58	18	1
D2236	58	18	1
D2237	58	18	1
D2239	60	18	1
D2241	24	6	2
D2242	24	6	2
D2243	26	6	2
D2244	26	6	2
D2245	26	6	2
D2246	29	11	12
D2247	29	11	12
D2248	35	13	8

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	**Section H Page No.**	**Process**	**System**
D2249	30	11	12
D2251	1	1	4
D2252	1	1	4
D2253	2	1	4
D2254	2	1	4
D2278	5	3	1
C2283	8	3	2
C2284	9	3	2
D2351	36	13	9
D2352	37	13	10
D2391	33	13	7
D2392	34	13	8
C2393	34	13	8
C2394	35	13	8
D2395	10	3	8
C2397	11	3	8
D2402	63	23	1
D2404	65	23	1
D2408	33	13	7
D2409	34	13	7
D2423	5	3	1
D2424	5	3	1

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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**]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

F34.1 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):

40CFR79

40CFR80

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

[**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):

CONSENT DECREE CIVIL CASE No. 05 C 5809. The facility shall send the District a copy of the semiannual updates sent to the EPA of the specific requirement of emission standards and limitations from the Consent Decree as well as dates of compliance for the requirement not yet fulfilled

40CFR60, Subpart A

40CFR61 Subpart A

40CFR63, Subpart A

[**40CFR 60 Subpart A, 5-16-2007; 40CFR 61 Subpart A, 5-16-2007; 40CFR 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

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

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 20, 22, 23]

SYSTEM CONDITIONS

S1.2 The operator shall limit the production rate to no more than 1.4e+06 ton(s) in any one year.

The purpose(s) of this condition is to require Mobil to maintain production records on a monthly basis on site, and available for District inspection.

The purpose(s) of this condition is to limit the coke production for both North and South Delayed Coking Units at 1400000 dry tons/yr.

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

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

S1.3 The operator shall limit the throughput to no more than 300000 barrel(s) in any one month.

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

[Systems subject to this condition : Process 13, System 9]

S1.4 The operator shall limit the throughput to no more than 1400000 ton(s) in any one year.

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 3]

S1.5 The operator shall limit the throughput to no more than 8000 ton(s) in any one day.

Throughput shall be defined as coke material with a moisture content of 10 % or less

[**RULE 1303, 5-10-1996**]

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

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

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

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

[Systems subject to this condition : Process 6, System 1 , 2]

S4.1 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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All new valves 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 applciations: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

All new 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 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 & flanges in VOC service except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may revert to quarterly inspection upon District approval, after 2 consecutive monthly inspecitons in which only 2 percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv, repair shall be attempted within 5 days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

[Systems subject to this condition : Process 3, System 1 , 5; Process 4, System 1; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 6; Process 9, System 1 , 2; Process 11, System 3 , 4; Process 23, System 1]

S4.2 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
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall monitor the groundwater extraction well caps, pumps (except submerged pump(s)), fittings, and hatches with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

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

[Systems subject to this condition : Process 22, System 2]

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

The operator shall keep records of each inspection, subsequent repair, and reinspection, in a manner approved by the District

The operator shall monitor the pumps (except submerged pump(s)) and valves located before the liquid phase activated carbon, the groundwater extraction well caps, and process drains with no detectable VOC leak emissions of greater than 500 ppmv

The operator shall monitor the emissions quarterly after the first three (3) monthly monitoring events. All VOC leak emissions greater than 500 ppmv shall be repaired within 14 days of detection

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

[Systems subject to this condition : Process 22, System 1]

S7.2 The following conditions shall apply to all refinery operation and related devices from this system:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall not operate this equipment unless the vessel receiver (10C-9), additive storage tank (10D-1) and the two steam ejectors (10H-1A/B and 10H-2A/B) are vented to a vapor recovery system whenever they are in use.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except 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), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

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

S7.3 The following conditions shall apply to all refinery operation and related devices from this system:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 as defined by Rule 1173, except those specifically exempt by Rule 1173, shall be identified by listing or tag numbers from other components. All new major components shall have distinct tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

For all valves in VOC service, except those specifically exempted by Rule 1173, bellows seal valves shall be used for two inches and smaller service, except 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), and retrofits with space limitations.

All new valves and flanges in VOC services except bellow sealed valves and those specifically exempted by Rule 1173 shall be inspected monthly using EPA Reference Method 21. If 98 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOCs at a rate less than 500 ppm, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

All new components in VOC service, except pressure relief devices for which a leak in excess of 200 ppm, shall be repaired within 5 days of detection. A leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **RULE 1303(a)(1)-BACT, 5-10-1996**]

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

S7.5 The following conditions shall apply to all refinery operation and related devices from this system:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified Environmental Impact Report dated 12-October-2001.

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

[CA PRC CEQA, 11-23-1970]

[Systems subject to this condition : Process 8, System 5; Process 13, System 1 , 3 , 4 , 11; Process 19, System 3]

S7.6 The following conditions shall apply to all refinery operation and related devices from this system:

The operator shall not use this system to process wastewater having VOC content of 5 mg per liter or more as determined by test method specified in District Rule 1176.

[**RULE 1176, 9-13-1996**]

[Systems subject to this condition : Process 14, System 4]

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1158

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

[Systems subject to this condition : Process 2, System 3 , 7 , 8]

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1123

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

[Systems subject to this condition : Process 1, System 1 , 2 , 4 , 7; Process 2, System 1 , 2 , 4 , 5 , 9; Process 3, System 1 , 5 , 7; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2 , 6; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 10 , 11 , 12; Process 16, System 3; Process 17, System 5; Process 19, System 1 , 3 , 7; Process 22, System 1; Process 23, System 1]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	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 15, System 3]

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	463
VOC	District Rule	1178

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

[Systems subject to this condition : Process 15, System 1 , 2 , 5]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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	1189

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

[Systems subject to this condition : Process 6, System 1 , 2]

S13.6 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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Systems subject to this condition : Process 12, System 1 , 2]

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	462
VOC	40CFR60, SUBPART	XX

[**RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003**]

[Systems subject to this condition : Process 13, System 3 , 4]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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
VOC	District Rule	462

[**RULE 462, 5-14-1999**]

[Systems subject to this condition : Process 13, System 9]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[**RULE 1176, 9-13-1996**]

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

S13.10 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 division (d) in the 11 March 1994 amendment, or equivalent requirements in the future amendments, shall apply to the 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 15, System 6]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

S13.11 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

[**RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 10-17-2000**]

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

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

All emergency vent gases shall be directed to a blowdown flare system except Devices IDs D35, D1250, D2145, D57 TO D62, D71, D68, D86-D91, D98, D152, D237, D349, D360, D629, D630, D631, D657, D638, D668, D671, D1503-D1505, D1507 that vent to the atmosphere.

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

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

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All vent 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(b)(2)-Offset, 5-10-1996**]

[Systems subject to this condition : Process 1, System 1 , 2; Process 2, System 4 , 5; Process 3, System 5; Process 4, System 1 , 3 , 5; Process 5, System 1 , 2; Process 6, System 1 , 2; Process 7, System 1; Process 8, System 1 , 2 , 3 , 4 , 6; Process 9, System 1 , 2 , 5 , 6; Process 11, System 1 , 2; Process 12, System 1 , 2; Process 13, System 1 , 2 , 3 , 4; Process 17, System 8 , 11]

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

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

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

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

[Systems subject to this condition : Process 11, System 4 , 6 , 7 , 9 , 10 , 11]

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

All vent gases under normal operating conditions shall be directed to a sulfur vapor collection system.

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

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

[Systems subject to this condition : Process 12, System 6; Process 13, System 6]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

All vent gases under normal operating conditions shall be directed to a vapor control system.

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

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

[Systems subject to this condition : Process 13, System 7 , 9]

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

All vent gases under normal operating conditions shall be directed to a vapor recovery system except devices IDs 57 to 62, 71, 86 to 91, and 98 that vent to the atmosphere.

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

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

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

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

All sour gases shall be directed to the absorber located within this system.

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

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

All sour gases shall be directed to the absorber located within this system or the absorber located in the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5).

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

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

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

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

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

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

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

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

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

All sour gases shall be directed to the absorber located in the Unsaturate Gas Plant (P9/S2) or the DEA Absorption System (P11/S5).

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

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 3, System 5]

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

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Unsaturate Gas Plant (P9/S2), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

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

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

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

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases shall be directed to the absorber located in the Saturate Gas Plant (P9/S1), the Product (Jet Fuel/Diesel/Other) Hydrodesulfurization Unit (P4/S5), or the DEA Absorption System (P11/S5).

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

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

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

S15.14 The vent gases from all affected devices of this process/system shall be vented as follows:

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

All sour gases shall be directed to the absorber located in the Fuel Gas Treating Unit (P11/S3), the Unsaturate Gas Plant (P9/S2), or the DEA Absorption System (P11/S5).

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

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

[Systems subject to this condition : Process 19, System 3]

S15.15 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to the vapor recovery system and/or flare.

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.

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

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

[Systems subject to this condition : Process 2, System 9; Process 6, System 6; Process 7, System 3; Process 9, System 6; Process 16, System 3]

S15.16 The vent gases from all affected devices of this process/system shall be vented as follows:

All blowdown water shall be directed to the vapor recovery system.

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

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

[Systems subject to this condition : Process 15, System 3]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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:

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Hydrogen Production (Process: 6, System: 1, 2 & 6)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12)

Fluid Catalytic Cracking Unit (Process: 3, System: 1, 5 & 7)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1 & 3)

Air Pollution Control Process (Process: 19, System: 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3, 4 & 7)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4, 5 & 9)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3, 4 & 6)

Sulfur Production Process (Process: 12, System: 1, 2, 3 & 4)

Steam Generation Process (Process: 16, System: 3)

Electricity Generation (Process: 18, System: 1)

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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

[Systems subject to this condition : Process 19, System 1]

S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrocracking Unit (Process: 7, System: 1)

Platinum Reformer Unit (Process: 5, System: 1 & 2)

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

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

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:

Treating/Stripping Units (Process: 11, System: 6, 7, 9, 10 & 11)

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

[Systems subject to this condition : Process 12, System 1 , 2]

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:

Sulfur Storage (Process: 12, System: 6)

Sulfur Loading (Process: 13, System: 6)

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

[Systems subject to this condition : Process 13, System 7]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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:

Sulfur Vapor Collection System (Process: 13, System: 7)

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

[Systems subject to this condition : Process 13, System 8]

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:

Resid Loading Sytem (Process: 13, System: 9)

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

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

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:

Wastewater Treatment System (Process: 14, System: 1)

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

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

S18.8 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:

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EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Loading/Unloading Process (Process: 13, System: 1, 2, 3 & 4)

Catalyst Regeneration Process (Process: 10, System: 1)

Hydrogen Production (Process: 6, System: 1, 2 & 6)

Gasoline Blending (Process: 20, System: 1)

Gas Production Process (Process: 9, System: 1, 2, 5 & 6)

Catalytic Reforming (Process: 5, System: 1 & 2)

Treating/Stripping Process (Process: 11, System: 1, 2, 3 & 5)

Fluid Catalytic Cracking Unit (Process: 3, System: 1 & 5)

Petroleum Miscellaneous Process (Process: 17, System: 5, 8 & 11)

Hydrocracking Unit (Process: 7, System: 1 & 3)

Crude Distillation Unit (Process: 1, System: 1, 2, 3 & 4)

Coking and Residual Conditioning (Process: 2, System: 1, 2, 4, 5 & 9)

Hydrotreating Process (Process: 4, System: 1, 3 & 5)

Alkylation Unit (Process: 8, System: 1, 2, 3 & 4)

Dehydrator Unit (Process: 17, System: 16)

Pressurized storage tanks (Process: 15, System: 3)

Steam Generation Process (Process: 16, System: 3)

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

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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 19, System 3]

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

Sulfur Production, Claus Trains A & B (Process: 12, System: 1 & 2)

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

[Systems subject to this condition : Process 12, System 3]

S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 384499, 385155, 389291, 389292, 411508, 411586, 422931, 435110, 435111 & 471343:

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

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

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

[Systems subject to this condition : Process 4, System 1 , 3; Process 6, System 2; Process 7, System 3; Process 9, System 6; Process 13, System 1 , 3 , 4 , 11; Process 18, System 1]

S31.3 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 435112 & subsequent application number 475236:

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

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to

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

converting AN 435112 and subsequent AN 475236 from PC to PO (Process 11, System 12):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 11, Systems 3 & 4 (ANs 422300 & 377122), which were combined with System 12 in the previously issued permit, for NSR adjustment

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

[Systems subject to this condition : Process 11, System 3 , 4 , 12]

S31.4 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 448496:

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

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

The operator shall provide the following information to the District no later than 60 days after initial startup of the equipment in the system:

a) Piping and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. The operator shall also provide a listing of all valves (bellows and non-bellows) categorized by location, type, size, accessibility, and service; and

b) Recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by tag number, type, size, body material, service, and reason(s) why bellow seal valves were not used.

The operator shall provide the following information to the District prior to

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

converting AN 448496 from PC to PO (Process 1, System 4):

Recalculation of fugitive emissions based on actual fugitive components installed in Process 1, Systems 1 & 4 (ANs 431770 & 448496), which were combined with System 1 in the previously issued permit, for NSR adjustment

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

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

S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 422369, 422169, 422177 & 422935:

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

All valves shall be inspected monthly using EPA Reference Method 21. The operator may revert to quarterly inspection upon District approval, after two consecutive monthly inspections in which only two percent or less are found to be leaking above 500 ppmv. For leaks greater than 500 ppmv above background, repair shall be attempted within five (5) days of detection. Repair or replacement shall be completed within 15 days, unless demonstrated otherwise.

The operator shall keep records of the monthly inspections, subsequent repairs and reinspections, if any, in a manner approved by the District.

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

[Systems subject to this condition : Process 2, System 9; Process 6, System 6; Process 16, System 3]

S42.2 The operator shall not operate the FCCU unless the operator complies with the emission limits of the following rule by May 30, 2009 or 90 days from the date of start up of the FCCU from turnaround, whichever is earlier:

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

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1105.1
NH3	District Rule	1105.1

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

1. Award contract(s) to construct and install the control technology by May 1, 2007

2. Begin construction of the control technology permitted by the AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later. These dates may be extended in writing by the Executive Officer upon request by ExxonMobil if the CEQA document is not finalized by July 1, 2007. Any such extension(s) shall not be for a period of more than five months after the original dealine listed in this paragraph.

3. Start operation of at least one (1) new ESP (i.e., either C2283 or C2284) along with two (2) existing ESPs, C165 and C166) to ensure compliance with Rule 1105.1(d)(1) by March 1, 2009 with the startup of the FCCU. If one (1) new ESP is operated, the inlet flowrate to the ESP shall not exceed 160,000 dscfm

4. Comply with all Rule 1105.1(d)(1) requirements no later than May 30, 2009, or 90 days after the startup of the FCCU, whichever is earlier

[**RULE 1105.1, 11-7-2003**]

[Systems subject to this condition : Process 3, System 1; Process 23, System 1]

S46.1 The following conditions shall apply to VOC service fugitive components in this system:

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

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 District prior to installation. 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.

For the purpose of this condition, existing component shall be defined as any component that was installed under a permit to construct/operate that was issued prior to June 1, 1993. New component shall be defined as any component that was installed or modified under a permit to construct that triggered BACT for VOCs issued between June 1, 1993 and December 27, 2001.

All new valves in VOC service shall be of 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 failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

All new valves and new major components, as defined in Rule 1173, shall be physically identified in the field with special marking that distinguishes the components from existing. Additionally all new components shall be distinctly identified from existing 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 with a leak greater than 500 ppm but less than 1,000 ppm, as methane, measured 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.

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

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

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

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

[Systems subject to this condition : Process 8, System 5]

DEVICE CONDITIONS

A. Emission Limits

A63.4 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 : D151, D2404]

A99.1 The 2.8 lb/1000 bbl fresh feed PM10 emission limit(s) shall only apply when the fresh feed to the FCCU is 105 thousand barrels per day or less.

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

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

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D151, D2404]

A99.2 The 0.005 gr/dscf PM10 emission limit(s) shall only apply when the flow rate is 320,000 dscfm or less.

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

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

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

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D151, D2404]

A99.3 The 3.6 Lbs/hr PM10 emission limit(s) shall only apply when the fresh feed exceeds 105 thousand barrels per day and the flow rate exceeds 320,000 dscfm.

For the purposes of this condition, PM10 emissions shall be defined as filterable PM10 collected on the cyclone exit, probe and filters of the applicable test methods referenced in the Rule.

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

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D151, D2404]

A195.1 The 9 PPMV NOX emission limit(s) is averaged over 15 minutes corrected to 15% excess oxygen, dry basis.

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

[Devices subject to this condition : D926]

A195.2 The 10 PPMV NH3 emission limit(s) is averaged over consecutive 60 minutes at 3% oxygen, dry basis.

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D151, C1772, D2404]

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

A195.3 The 20 PPMV NOX emission limit(s) is averaged over 365-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

A195.4 The 40 PPMV NOX emission limit(s) is averaged over 7-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

A195.5 The 140 PPMV NOX emission limit(s) is averaged over 24-hour rolling and at 0% oxygen.

For the purposes of this condition, this limit is not to exceed 14 days per occurrence, when the SCR is shutdown because the waste heat boiler 2F-7 is shutdown for inspection per California Code of Regulations, Title 8, Section 770(b).

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

A195.6 The 25 PPMV SOX emission limit(s) is averaged over 365-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a long term limit which applies at all times.

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

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

[Devices subject to this condition : D151, D2404]

A195.7 The 50 PPMV SOX emission limit(s) is averaged over 7-day rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

A195.8 The 500 PPMV CO emission limit(s) is averaged over hourly rolling and at 0% oxygen.

For the purposes of this condition, this limit is a short term limit which applies at all times except during startup, shutdown, or malfunction.

[**CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

A327.1 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 : D926]

B. Material/Fuel Type Limits

B27.1 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 03-07-2008.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2395]

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

B61.3 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C164, D367, C626]

B61.4 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
Total sulfur compounds calculated as H2S greater than	30

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

[Devices subject to this condition : D926]

B61.5 The operator shall not use (or combust) vent gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

The 160 ppmv limit is averaged over three hours, excluding any vent gas resulting from an emergency, shutdown, startup, process upset or relief valve leakage

[**RULE 1118, 11-4-2005**]

[Devices subject to this condition : C891, C894]

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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:

B61.6 The operator shall not use fuel gas containing the following specified compounds:

Compound	ppm by volume
H2S greater than	160

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

[Devices subject to this condition : D926]

C. Throughput or Operating Parameter Limits

C1.16 The operator shall limit the exhaust flow to no more than 500 cubic feet per minute.

For the purpose of this condition, exhaust flow shall be defined as the volume of gas exiting the mist eliminator and entering the oxidizer, measured dry at standard condition.

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

[Devices subject to this condition : C1776]

C1.29 The operator shall limit the throughput to no more than 220000 barrel(s) in any one calendar month.

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x 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 every 15 minutes.

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 percent, 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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D742, D743]

C1.33 The operator shall limit the throughput to no more than 145000 barrel(s) in any one calendar month.

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

The operator shall calculate the throughput, in barrels, by the following equation: 0.14 x D x D x 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 continously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per every 15 minutes.

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 percent, 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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D734, D735]

C1.43 The operator shall limit the throughput to no more than 56000 barrel(s) in any one calendar month.

[**RULE 1304(c)-Offset Exemption, 6-14-1996**]

[Devices subject to this condition : D1997, D2001]

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

C1.47 The operator shall limit the loading rate to no more than 730000 barrel(s) in any one month.

This limit shall be based on the total combined limit for equipment D1526 & D1520, Loading Racks # 1 & 3, respectively.

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

[Devices subject to this condition : D1520, D1526]

C1.53 The operator shall limit the throughput to no more than 428333 barrel(s) in any one calendar month.

For the purpose of this condition, throughput shall be defined as the amount of LSR loaded from Tank 200X1.

[**RULE 1304(c)-Offset Exemption, 6-14-1996**]

[Devices subject to this condition : D1994]

C1.65 The operator shall limit the throughput to no more than 457834 barrel(s) in any one month.

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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: 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 the total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the total one-way liquid surface level movement, in feet, on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously measure the liquid surface level movement. 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, the ATLG shall be repaired.

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 the time that the ATLG went out of service.

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

[Devices subject to this condition : D764]

C1.66 The operator shall limit the throughput to no more than 100 lb(s) in any one day.

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

[Devices subject to this condition : D2278]

C1.67 The operator shall limit the loading rate to no more than 24000 lb(s) in any one day.

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EXXONMOBIL OIL CORPORATION

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

For the purpose of this condition, loading rate shall be defined as the total loading of base catalyst (GRACE Davison Genesis-2634), base catalyst (Sinopec Ripp ZDOS-T), base catalyst (GRACE ALCYON-U411), catalyst additives (GRACE Davison Olefinsmax ZSM-5), CO promoter (GRACE Davison CP-5), and SOx reducing catalyst (GRACE Davison Super DESOX).

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

[Devices subject to this condition : D2395]

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.

The operator shall use a lower explosive meter to monitor the hydrocarbon concentration.

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

[Devices subject to this condition : D1997, D2001]

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

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.

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

[Devices subject to this condition : C2397]

C8.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 900 Deg F.

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

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

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

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

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

[Devices subject to this condition : C626]

C8.6 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the combustion zone.

This condition shall only apply to the oxidizer temperature when on a thermal mode.

The measuring device or gauge shall be accurate to within plus or minus 5 degree F. It shall be calibrated once every 12 months.

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

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

[Devices subject to this condition : C1776]

C8.7 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 700 Deg F.

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EXXONMOBIL OIL CORPORATION

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

This condition shall only apply to the gas entering the catalyst bed when on a catalytic mode.

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

The measuring device or gauge shall be accurate to within 5 degree F. It shall be calibrated once every 12 months.

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

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

[Devices subject to this condition : C1776]

C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1000 Deg F.

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

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

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

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

[Devices subject to this condition : C952]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

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

1. primary and secondary current
2. primary and secondary voltage
3. spark rate

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 D151) according to the requirements specified in Permit Condition D29.3

[**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; RULE 409, 8-7-1981**]

[Devices subject to this condition : C165, C166]

C12.2 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.

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EXXONMOBIL OIL CORPORATION

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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. Total flue gas inlet temperature to ESPs
2. Total flue gas flow rate
3. Current across each ESP
4. Voltage across each ESP

at each ESP field, in accordance with the approved plan. 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 D151) according to the requirements specified in Permit Condition D29.4

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C165, C166, C2283, C2284]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the SCR bed.

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

[Devices subject to this condition : C1772]

D12.2 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR bed.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : C1772]

D12.5 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate being supplied to the oxidizer.

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

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

[Devices subject to this condition : C1776]

D12.6 The operator shall install and maintain a(n) infrared flame detector 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 63 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C891]

D12.9 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the equipment. The operator shall record the parameter being monitored daily.

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

[Devices subject to this condition : C1769]

D12.10 The operator shall install and maintain a(n) thermocouple 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.

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

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

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C894]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days from the start-up of the SCR unit using the test protocol approved by the District.

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

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

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

The test shall be conducted to determine the PM10 emissions at the outlet.

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

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

The test shall be conducted to determine the efficiency of the SCR.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1772]

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

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

The test shall be conducted at least annually.

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

The test shall be conducted with the operation of the CO boiler/waste heat boiler with duct burner.

The test shall be conducted to determine the control efficiency of the SCR and the NH3 emissions at the outlet.

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

[Devices subject to this condition : C1772]

D28.5 The operator shall conduct source test(s) in accordance with the following specifications:

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

The test shall be conducted to determine the VOC emissions at the inlet and outlet simultaneously.

The test shall be conducted to determine the Benzene at the outlet.

The test shall be conducted to determine the Toluene at the outlet.

The test shall be conducted to determine the Xylene at the outlet.

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 annually to verify the destruction efficiency of the afterburner.

Source test shall be conducted when this equipment is operating at or close to the maximum rate of the loading rack.

The test shall be conducted to determine the VOC emission rate in lb/1000 gallons loaded.

The test shall be conducted to determine the SOx emissions in ppmv corrected to 3 percent oxygen.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1401, 6-5-2009; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C1776]

D28.8 The operator shall conduct source test(s) in accordance with the following specifications:

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EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

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

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

The test shall be conducted to determine the PM10 emissions at the outlet.

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

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial startup, and every five years thereafter.

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

Source test shall be conducted when this equipment is operating at not less than 80 percent of the maximum firing rate.

The test shall be conducted for NOx and SOx (for initial and any subsequent tests) until the CEMS serving 4F-1 is RECLAIM certified. Once certified, source tests data may be substituted with CEMS data. Mobil may choose to conduct CO testing every three years, or concurrently with a RATA (9 x 30 minute runs).

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

[Devices subject to this condition : D367]

D28.9 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted annually to determine the control efficiency of the oxidizer and the VOC emissions in pound per 1000 gallons loaded.

The test shall be conducted once per three years to determine the NOx, CO, and PM emissions at the outlet.

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

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 462, 5-14-1999**]

[Devices subject to this condition : C1776]

D28.22 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 90 days from the complete modification of the fuel gas optimization project using the test protocol approved by the District.

The test shall be conducted to determine the CO, NOx, SOx, SO2 & O2 concentration at the outlet.

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

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO, PM, NOx & SOx emissions at the outlet.

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

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D926]

D28.23 The operator shall conduct source test(s) in accordance with the following specifications:

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

The test shall be conducted yearly after the initial performance test using the test protocol approved by the District.

The test shall be conducted to determine the emission rates (lb/hr) of ROG, CO & PM emissions at the outlet.

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

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

[Devices subject to this condition : D926]

D28.25 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted once every three years to determine the CO & PM emissions at the outlet.

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

[Devices subject to this condition : C952]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	1 hour	Outlet of the SCR

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

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

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

Source test result 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, and spark rate at each of the ESP fields

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 409, 8-7-1981**]

[Devices subject to this condition : D151, D2404]

D29.4 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 (filterables compliance, condensables information)	District-approved averaging time	Outlet
PM10 emissions	District Method 5.2 Modified with EPA Method 201A Cyclone (filterables compliance, condensables information)	District-approved averaging time	Outlet

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

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 District Method 5.2 (condensables information)	District-approved averaging time	Outlet
NH3 emissions	District method 207.1	1 hour	Outlet
NOX emissions	District method 100.1	1 hour	Outlet
SOX emissions	District method 100.1	1 hour	Outlet
CO emissions	District Method 100.1 or 10.1	1 hour	Outlet
VOC emissions	District Method 25.1 or 25.3	1 hour	Outlet

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

The operator shall choose any of the PM10 test methods as indicated above to comply with Rule 1105.1 requirements and the test results of any of the selected test methods shall be used to determine compliance with Rules 404 and 405

The test shall be conducted after AQMD approval of the source test protocol, but no later than 180 days after initial startup of the new ESP's. 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 in accordance with AQMD approved source test protocol. The protocol shall be submitted to the AQMD no later than 45 days before the proposed test date and shall be approved by the AQMD before test commences.

The test shall be conducted with the following operating modes of the ESPs:.

1. Two new ESPs C2283 & C2284 are in full operating mode (two old ESPs C165 & C166 in idle mode)

2. One new ESP in full operating mode & two old ESPs in full operating mode with 1/2 flue gas flow rate @160,000 dscfm

3. One new ESP in full operating mode and two old ESPs in idle mode with 1/2 flue gas flow rate @160,000 dscfm

The test shall be conducted when the FCCU is operating with at least 80 percent of total FCCU feed rate (or 84 thousand barrels per day of total FCCU feed) with two ESPs in full operating mode.

The test shall be conducted when the FCCU is operating with at least 40 percent of total FCCU feed rate (or 42 thousand barrels per day of total FCCU feed) with one new ESP in full operating mode.

The test shall be conducted at least every year with three different operating modes after initial source test.

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

The operator shall provide the sampling port(s) at the inlet of the ESPs (C2283 & C2284) in accordance with AQMD Method 1.1 - "Sample and Velocity Traverses for Stationary Source" and shall obtain a final approval from the AQMD for this sampling port(s) installation and operation, which should be included in the source test protocol

The test shall be conducted to determine the control efficiency of the ESPs in each mode.

Source test results shall include the following parameters in each mode: FCCU feed rate in KBD; catalyst recirculation rate in TPM; fresh catalyst (make-up & additives) rate in TPD; coke burn rate in lb/hr; oxygen & moisture content of exhaust gases; exhaust gas flow rate in dscfm; flue gas temperature at the inlet of the ESP; ammonia injection rate (at ESPs inlet & SCR inlet); and the average current in amps, voltage in volts & spark rate at each ESP field in use

A source test report shall be submitted to the AQMD no later than 60 days after the source test was completed

[**RULE 1105.1, 11-7-2003; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C165, C166, C1772, C2283, C2284]

D29.5 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	1 hour	Outlet

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

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

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EXXONMOBIL OIL CORPORATION

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 : C626]

D29.6 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	1 hour	Outlet of the filter
PM10 emissions	Approved District method	1 hour	Outlet of the filter

The initial test(s) shall be conducted within 120 days after achieving maximum production rate, but no later than 180 days after initial start-up

The test(s) shall be conducted at least annually if the equipment is utilized more than 30 days in a calendar year.

The test shall be conducted when this equipment is operating at least 80 percent of the maximum allowable capacity.

Report of the test and operating condition of the equipment shall be submitted to the District within 60 days after the test

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

The operator shall submit a test protocol to the District at least 60 days prior to the initial testing. The initial and annual tests shall be conducted according to the approved test protocol or any subsequent approved revisions

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C2397]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

SOX concentration in ppmv

Oxygen concentration in percent volume

[**RULE 2011, 5-6-2005; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C952]

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

CO concentration in ppmv

Oxygen concentration in percent volume

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, C164, D2404]

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

SOX concentration in ppmv

Oxygen concentration in percent volume

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

[Devices subject to this condition : D926]

D82.4 The operator shall install and maintain a CEMS to measure the following parameters:

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EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

NOX concentration in ppmv

SOX concentration in ppmv

Oxygen concentration in percent volume

[**RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; 40CFR 60 Subpart GG, 2-24-2006**]

[Devices subject to this condition : D926]

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

NOX concentration in ppmv

SOX concentration in ppmv

Oxygen concentration in percent volume

The NOx and SOx CEMS shall be certified prior to the startup of the new ESPs with a range covering the emission limits

[**RULE 2004, 5-11-2001; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

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

The operator shall monitor the concentration of the total sulfur compounds at the outlet of the fuel gas mix drum/knockout pot 24C-1 (Device D2234).

The operator shall use Gas Chromatography (GC 61) to monitor the parameter.

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

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EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : D926]

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

The operator shall use opacity meter to monitor the parameter.

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D151, D2404]

D90.5 The operator shall periodically monitor the volatile organic compounds and benzene emissions at the outlet of the primary carbon canister according to the following specifications:

The operator shall monitor once every week during tank filling operations utilizing EPA Method 21 for volatile organic compounds and Draeger indicating tube for benzene.

The operator shall monitor volatile organic compounds at times when there is actual flow to the carbon canister (at tank filling period)

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

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

[Devices subject to this condition : C2113, C2118]

FACILITY PERMIT TO OPERATE
EXXONMOBIL OIL CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D90.6 The operator shall periodically monitor the volatile organic compounds (inclusive methane and ethane) at the outlet of the primary carbon canister according to the following specifications:

The operator shall monitor once every week for VOCs (inclusive of methane and ethane) when the sump is being filled with wastewater from the cleaning activity in accordance with (a) EPA Reference Method 21, using an appropriate analyzer calibrated with methane, or (b) District Grab Sample Method described in Attachment A of SCAQMD Rule 1176.

If a cleaning activity is scheduled during a week, the VOC measurement shall be taken during the cleaning of the heat exchangers. If no cleaning activity is scheduled, the VOC measurement may be taken at anytime.

[**RULE 1176, 9-13-1996; RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : C2135]

D90.8 The operator shall continuously monitor the temperature in degree F of the flue gas at the inlet to the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameter 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 installed and operated whenever the ESP is operating in accordance with the monitoring plan as approved by the AQMD

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

The temperature monitor shall have a minimum range from 500 to 800 degrees F and be accurate to within plus or minus 5 percent and shall be inspected for replacement, if needed, at least once every 12 months

[**RULE 1105.1, 11-7-2003**]

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EXXONMOBIL OIL CORPORATION

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

[Devices subject to this condition : C165, C166, C2283, C2284]

D90.9 The operator shall continuously monitor the flow rate in scfm (wet) of the flue gas at the inlet to the ESP according to the following specifications:

The monitoring shall be conducted in accordance with the monitoring plan as approved by the AQMD

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C165, C166, C2283, C2284]

D90.10 The operator shall continuously monitor the ESP total power input across the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameter 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 installed and operated whenever the ESP is operating in accordance with the monitoring plan as approved by the AQMD

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

The power monitor shall have a range from 0 to 1500 mA and 0 to 100 KV per transformer/rectifier set, which shall 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 : C165, C166, C2283, C2284]

D90.11 The operator shall continuously monitor the NH_3 injection rate in lb/hr at the inlet to the ESP according to the following specifications:

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

The monitoring shall be conducted in accordance with the monitoring plan as approved by the AQMD

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C165, C166, C2283, C2284]

D90.12 The operator shall continuously monitor the H2S concentration in the fuel gases before being burned in this device according to the following specifications:

The operator shall monitor the H2S concentration at the outlet of the fuel gas mix drum 64C-4 (Device D838) for fuel combustion devices.

The operator shall use Gas Chromatography (GC 34) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C164, D367, C626]

D90.13 The operator shall periodically monitor the H2S compounds at the outlet of the primary vessel according to the following specifications:

The operator shall monitor once every day during the truck loading operations utilizing the Draeger tube.

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C2393, C2394]

D90.14 The operator shall continuously monitor the H2S concentration in the fuel gas, after being H2S treated by carbon vessels 28C-107 & 108, before being combusted in the incinerator 28F-11 according to the following specifications:

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

The operator shall monitor the H2S concentration at the outlet of the H2S treated carbon vessels 28C-107 & 108 (Devices C2393 & C2394) for fuel combustion device.

The operator shall use an H2S analyzer (Western Research Model 932 multi-gas analyzer) meeting the requirements of 40CFR60 Subpart J, Method 11 to monitor the parameter.

The operator shall obtain a written approval from the AQMD for the H2S analyzer, following the 40CFR60 Subpart A

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C626, C2393, C2394]

D94.1 The operator shall install, maintain and operate a sampling line at the inlet and outlet of the carbon canisters to allow measurement of the volatile organic compounds

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

[Devices subject to this condition : C2113, C2118]

D182.3 The operator shall test this equipment in accordance with the following specifications:

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

To determine the control efficiency of the SCR, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the control efficiency of the SCR

Such method may include, sampling port at the inlet of the SCR, monitor/analyzer for NOx concentration at the inlet of the SCR, or other equivalent method to determine SCR efficiency as approved by the Executive Officer

Until the above method(s) is approved, the operator shall keep record of the ammonia injection rate and shall make it available upon AQMD request

Once the above method(s) is approved, the operator shall conduct the SCR control efficiency determination and annually thereafter

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

[Devices subject to this condition : D926]

D182.4 The operator shall test this equipment in accordance with the following specifications:

To determine the PM10 emissions, after June 29, 2006, the operator shall, prior to the first physical modification where a permit to construct is required, file a permit application for that modification and include with the application a method for determining the PM10 emissions. Such method shall be provided in compliance with EPA or SCAQMD source test method

Until such time that a permit is issued for the modification, the PM10 emissions are assumed to equal to the PM emissions

Once the above method(s) is approved, the operator shall conduct the PM10 emissions determination and annually thereafter

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

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

[Devices subject to this condition : D926]

D182.6 The operator shall test this equipment in accordance with the following specifications:

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously measure and record the liquid surface level movement. The throughput, in barrels, shall be calculated using the following equation: 0.14 x D x D x 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 liquid surface level travel in feet per month. For the purpose of this condition, continuous recording is defined as once per hour

Alternately, for tanks which do not have an ATLG device, the throughput shall be derived by using engineering calculations using parameters obtained from process records, shipping invoices, manual tank level gauging, etc.

Records of throughput 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 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1997, D2001]

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

[Devices subject to this condition : C2397]

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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 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.
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;

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;** RULE 401, 11-9-2001]

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

[Devices subject to this condition : C165, C166, C2283, C2284, C2397]

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 bi-weekly basis, at least, unless the equipment did not operate during the entire bi-weekly period. The routine bi-weekly 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.
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;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

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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]

[Devices subject to this condition : C891, C894]

D328.2 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 emission limits. 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 : C626]

E. Equipment Operation/Construction Requirements

E71.6 The operator shall only maintain a vacuum pressure of 4 inches Hg or higher in this equipment during normal operations.

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

[Devices subject to this condition : D982, D983, D984]

E71.8 The operator shall only use this equipment during turnarounds and maintenance activities to collect wastewater from the cleaning of the Alkylation Unit's heat exchangers at the machine shop.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2136]

E71.13 The operator shall not operate this equipment if the existing Catalyst Loading System is in operation.

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

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

[Devices subject to this condition : D2395]

E71.14 The operator shall not operate this equipment when the standby eductor 28H-6B is in operation except during the transition periods from one eductor to the other.

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

[Devices subject to this condition : D2391]

E71.15 The operator shall not operate this equipment when the main eductor 28H-6A is in operation except during the transition periods from one eductor to the other.

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

[Devices subject to this condition : D2409]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

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

[Devices subject to this condition : C2397]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 11-9-2001]

[Devices subject to this condition : C165, C166, C2283, C2284]

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**]

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

[Devices subject to this condition : C2113, C2118]

E128.2 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 1401, 6-5-2009]

[Devices subject to this condition : C2135]

E153.1 The operator shall change over the spent carbon with activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary canister, and the secondary canister shall be replaced with a fresh carbon canister

For the purpose of this condition, breakthrough shall be defined as any organic compound reading of 50 ppmv or more, or any benzene reading of 5 ppmv or more.

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

[Devices subject to this condition : C2113, C2118]

E153.4 The operator shall change over the spent carbon with fresh activated carbon, within 24 hours, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary carbon canister, and the secondary carbon canister shall be replaced with a fresh carbon

For the purpose of this condition, breakthrough shall be defined as any volatile organic compounds (inclusive of methane and ethane) reading of 500 ppmv or greater.

The volatile organic compounds (inclusive of methane and ethane) reading shall be measured in accordance to Condition D90.6.

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

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : C2135]

E153.7 The operator shall change over the spent carbon with activated carbon, within 29 days, during such time, the vessel may be put in the idled mode in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The spent carbon in both the primary and secondary vessels shall be replaced with the activated carbon, or the primary vessel shall be re-piped with the secondary vessel, the secondary vessel shall be re-designated as the primary vessel and the spent carbon in the secondary vessel shall be replaced with the activated carbon

For the purpose of this condition, breakthrough shall be defined as H2S compounds reading of 10 ppmv or more at the exit of the primary vessel.

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C2393, C2394]

E175.2 The operator shall not use this equipment unless all exhaust air passes through the following:

CO boiler in fired mode

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

[Devices subject to this condition : D2278]

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 Subpart A of the 40CFR60

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

[**40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C891, C894]

E193.6 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall notify the District at least seven days prior to first starting the spray filling operation

The operator shall monitor and record the initial, midpoint and final temperature in the railcar and the product line pressure during the spray filling operation of LPG

The operator shall use a hydrocarbon analyzer to monitor the equipment daily for fugitive leaks during the spray filling operation

The product line pressure shall not exceed 225 psig during the spray filling operation

The operator shall install and maintain a temperature and pressure gauge to accurately indicate product temperature and product line pressure during the filling operation

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

[Devices subject to this condition : D675]

E193.8 The operator shall operate and maintain this equipment according to the following specifications:

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

The operator shall only operate this equipment if it complies with all applicable mitigation measures stipulated in the "Mitigation Monitoring Plan" document which is part of the AQMD Certified EIR dated 12-October-2001.

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

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D1997, D2001]

E193.9 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall monitor the groundwater in compliance with the Regional Water Quality Control Board Cleanup Requirements specified under the current order for abatement

[Devices subject to this condition : D2115]

E193.10 The operator shall operate and maintain this equipment according to the following specifications:

All vent gases under normal operating conditions shall be vented to one of the devices identified in the "connected to" column in the order described in this facility permit

To comply with this condition, the operator shall keep the bypass damper of 2F-3 East and 2F-3 West stacks in a closed position under normal operating condition. The operator shall also install and maintain a device to continuously monitor and record the position of the bypass damper in 2F-3 East and 2F-3 West stacks. The device shall accurate within plus or minus 5 percent, and the accuracy of the device shall be verified at least once very 6 months

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

[Devices subject to this condition : C165, C166]

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

E193.12 The operator shall operate and maintain this equipment according to the following specifications:

The work area shall be kept free of any dried particles of selenium or its compounds.

Roll-off containers shall be fully covered when the loading of solid waste is completed.

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2166]

E193.16 The operator shall operate and maintain this equipment according to the following specifications:

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

[**40CFR 60 Subpart A, 5-16-2007; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C164, D367, C626]

E193.17 The operator shall operate and maintain this equipment according to the following specifications:

Sample and analyze the VOC emissions in concentration (including benzene, toluene, ethylbenzene, xylene) on a semi-annual basis

The samples should be taken at the tailwater effluent stream (Separator 72D-10)

The analysis results shall be submitted to the district prior to issuing the PO

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1401, 6-5-2009; **40CFR 61 Subpart FF, 12-4-2003**]

[Devices subject to this condition : D2251, D2252]

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

E193.18 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall comply with all mitigation measures stipulated by the AQMD Final Environmental Impact Report dated March 23, 2007

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D151, C2283, C2284, D2404]

E193.19 The operator shall operate and maintain this equipment as follows:

Whenever the ESP system (Devices C165, C166, C2283, and C2284) is in operation and venting the FCCU Regenerator catalyst dust exhaust, the operator shall maintain in operation the following modes

1. Two ESPs C2283 & C2284 in full operating mode (two ESPs C165 & C166 in idle mode), or

2. One ESP (C2283 or C2284) in full operating mode and two ESPs C165 & C166 in full operating mode with 1/2 flue gas flow rate @160,000 dscfm, or

3. One ESP (C2283 or C2284) in full operating mode, and two ESPs C165 & C166 in idle mode with 1/2 flue gas flow rate @160,000 dscfm

The operator shall not operate the FCCU if emissions from the FCCU to the atmosphere exceed the following limits for filterable PM10: 0.005 gr/dscf or 2.8 lb per 1000 bbl fresh feed

The operator shall not operate any of the modes, if the source test results of Condition D29.4 show the PM10 and/or NH3 emissions exceed the rule limits, after May 30, 2009

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C165, C166, C2283, C2284]

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

E193.20 The operator shall operate and maintain this equipment according to the following specifications:

All vent gases under normal operating conditions shall be vented to one of the devices identified in the "connected to" column in the order described in this facility permit

To comply with this condition, the operator shall replace two emergency bypass stacks (2F-3 East and West) with an enclosed ducting connecting the ESPs C2283 & C2284 to the 2F-7 stack as for emergency venting

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

[Devices subject to this condition : D151, D2404]

E193.21 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall keep all sulfur compound contaminated condensate in a tighly covered container (Pot 28C-XP) which shall be remain closed at all times. The operator shall only discharge/collect/transfer the sulfur compound contaminated condensate from this equipment (Pot 28C-XP) into a closed container (portable drum), which can be opened during filling or sampling for lab analysis

[RULE 1401, 6-5-2009; RULE 402, 5-7-1976]

[Devices subject to this condition : D2408]

E193.22 The operator shall operate and maintain this equipment according to the following specifications:

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

On a weekly basis, the liquid livel in the pot (28C-XP) and the liquid color shall be monitored/inspected visually. Such level and color shall be recorded

During the transferring of the sulfur compound contaminated condensate to the portable collection drum, the sample shall be taken for lab analysis to determine the compositions and pH level in accordance with State and Federal criteria for hazadous waste

The analytical results shall be submitted to the District upon request

The requirements of this condition and any associated reporting/recorkeeping requirements may be terminated or adjusted as determined to be appropriate by the District based on the adequacy of information provided and the equipment's ability to comply with all applicable rules and regulations

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2408]

E193.23 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall only discharge/collect the sulfur compound contaminated condensate, if any, from this equipment and associated piping system into closed container (Pot 28C-XP)

[RULE 1401, 6-5-2009; RULE 402, 5-7-1976]

[Devices subject to this condition : D2391, D2409]

E204.1 The operator shall tag the valves according to the following specifications:

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

This condition applies to all new valves greater than 2 inches in size, and major components in VOC service as defined by Rule 1173, except those specifically exempt by Rule 1173.

The affected valves shall be distinctly identified from other components through their tag numbers (e.f. numbers ending in the letter "N"), and shall be noted in the records.

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

[Devices subject to this condition : D1202]

E204.3 The operator shall repair the valves according to the following specifications:

For all new components in VOC service, a leak greater than 500 ppm but less than 1000 ppm measured as methane above background by EPA Method 21 shall be repaired within 14 days of detection.

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

[Devices subject to this condition : D1202]

E336.6 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to a vapor recovery system or kept inside the railcar during spray loading of LPG only. Light straight run shall be loaded using the vapor recovery system, which is in full use and has a valid permit to operate.

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D1994]

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

E336.7 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to a vapor recovery system when loading LSR, or kept inside the railcar during spray filling LPG.

This equipment shall not be operated unless the vapor recovery system, when no spray filling takes place, is in full use and has a valid permit to receive vent gases from this equipment.

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

[Devices subject to this condition : D675]

E336.9 The operator shall vent the vent gases from this equipment as follows:

All vent gases during normal operations shall be vented to a vapor recovery system.

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

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

[Devices subject to this condition : D21, D22, D1328, D1341, D2247, D2251, D2252]

E336.10 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal conditions shall be directed to the air pollution control (APC) system (Process 19, System 3)

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

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

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

[Devices subject to this condition : D572, D574, D575, D576]

E336.13 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the flame zone of the heater(s) (Devices D232 & D234, Process 4, System 2)

This equipment shall not be operated unless the heater(s) is in full use and has a valid permit to receive vent gases from this equipment.

[**40CFR 63 Subpart CC, 6-23-2003**]

[Devices subject to this condition : D176, D178]

E336.15 The operator shall vent the vent gases from this equipment as follows:

All vent gases from the dog house during normal operations shall be vented to a vapor recovery system.

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

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

[Devices subject to this condition : D2235]

E336.17 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be directed to the incinerator (Process 13, System 8).

This equipment shall not be operated unless the incinerator is in full use and has a valid permit to receive vent gases from this equipment.

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

[**RULE 1303(a)(1)-BACT, 5-10-1996; 40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D1324]

E336.18 The operator shall vent the vent gases from this equipment as follows:

All vent gases under normal operating conditions shall be vented to the H2S adsorption system (Process 13, System 8) and then to the sulfur vapor collection system (Process 13, System 7), and then to the incinerator (Process 13, System 8).

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D644, D1375]

E336.19 The operator shall vent the vent gases from this equipment as follows:

All vent gases from the equipment located downstream of the reactor, during each trial of Rule 441 research operations, shall be vented to the H2S absorber(s) and/or the fuel gas treating unit(s) via the vapor collection and/or vapor recovery system and then to the sulfur recovery units.

This equipment shall not be operated unless the above H2S treating and/or the fuel gas treating unit(s), and the sulfur recovery units are in full use and have a valid permit to receive vent gases from this equipment.

[RULE 441, 5-7-1976]

[Devices subject to this condition : D2402]

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

E448.2 The operator shall comply with the following requirements:

The operator shall maintain in operation the following modes:

1. CO boiler C164 in maintenance mode: The emissions from the regenrator/cyclones may be vented directly to ESPs system and bypass CO boiler C164 during required maintenance of the CO boiler

2. CO boiler C164 in unfired mode: When ESP C2283 or C2284 is in maintenance mode, the emissions from the regenerator/cyclones shall be vented to the CO boiler C164, which may be operated in the unfired or waste heat boiler mode

The above modes shall not be in operation when the expander cleaning system (walnut shells injection period) is in operation

The District shall be notified 24 hours in advance of any scheduled maintenance and unfired mode of the CO boiler

The District shall be notified within 24 hours after any unscheduled maintenance and unfired mode of the CO boiler

An annual report shall be submitted to the District which includes a summary of the number of hours the CO boiler was operated in each mode, a description of maintenance, all scheduled and unscheduled work performed for each mode, CO concentration in PPM and hourly CO emissions calculated based on 40CFR 60 Subpart J monitoring data during each mode. The report shall be submitted within 90 days from the end of the calendar year

The operator shall not operate the FCCU if the CO emissions from the FCCU to the atmosphere exceed the 500 ppmv limits set forth in 40CFR60 Subpart J and Consent Decree

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 60 Subpart J, 6-24-2008**]

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

[Devices subject to this condition : D151, C164, D2404]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
H2S	40CFR60, SUBPART	J

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C164, D367, C626, C891, C894, C952, C1776]

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

Contaminant	Rule	Rule/Subpart
NOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	GG
SOX	40CFR60, SUBPART	J

[**40CFR 60 Subpart GG, 2-24-2006; 40CFR 60 Subpart J, 6-24-2008**]

[Devices subject to this condition : D926]

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

Contaminant	Rule	Rule/Subpart
CO	40CFR60, SUBPART	J
PM	40CFR60, SUBPART	J

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

Visible Emissions	40CFR60, SUBPART	J
SOX	40CFR60, SUBPART	J

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

[Devices subject to this condition : D151, D2404]

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

Contaminant	Rule	Rule/Subpart
HAPs	40CFR61, SUBPART	FF

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

[Devices subject to this condition : D2253]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

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

[Devices subject to this condition : D753]

H23.34 This equipment is subject to the applicable requirements of the following rules or regulations:

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

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

This equipment was subject to the applicable requirements of 40CFR60 Subpart GGG per Consent Decree Civil Case No. 05 C 5809 dated 12-13-2005. This equipment is now subject to the applicable requirements of 40CFR60 Subpart GGGa per ExxonMobil's notification to EPA dated 08-24-2009

[**RULE 1173, 5-13-1994;** RULE 1173, 2-6-2009; **40CFR 60 Subpart GGGa, 6-2-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : D390, D574, D982, D983, D984, D1803, D1810, D1834, D1844, D1855, D2014, D2111, D2123, D2249, D2351, D2352]

H23.35 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 : C891, C894]

H23.36 This equipment is subject to the applicable requirements of the following rules or regulations:

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

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

[Devices subject to this condition : D2235, D2254]

K. Record Keeping/Reporting

K40.4 The operator shall provide to the District a source test report in accordance with the following specifications:

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

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

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

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).

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

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

[Devices subject to this condition : D367, C1772]

K40.5 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 45 days after the source test was conducted.

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).

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

[Devices subject to this condition : C1776]

K40.6 The operator shall provide to the District a source test report in accordance with the following specifications:

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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.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

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:

FCCU design capacity (MBPD), feed rate (MBPD), sulfur content (%) in the feed, and feed source (vacuum gas oil, coker gas oil); regenerator air rate (SCFM), combustor promoter, design effluent flowrate (MSCFM); collecting plates face velocity (FPM); amount of De-NOx and De-SOx catalyst used (lb/d), catalyst particle size in w%, catalyst circulation rate and make-up rate (ton/d); coke burn-off rate (ton/hr); NH3 injection rate (lb/hr); and

Supplemental fuel used in the waste heat boiler (MSCFH); SCR unit downstream of the ESP in used during the source test; and the average current, voltage, and spark rate at each of the ESP fields

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

[Devices subject to this condition : C165, C166]

K67.2 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

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

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

[Devices subject to this condition : D701, D740, D745, D746, D753, D755, D756, D758, D759, D760, D775]

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

For spray filling only: product loaded, line pressure and railcar initial, midpoint and final temperature, number and magnitude of leaks found

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

[Devices subject to this condition : D675, D1994]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Until the sampling ports are installed, the operator shall calculate the control efficiency of the ESP based on the following: ESP Efficiency = Each Truck Outhauls/Inlet Loading. The inlet loading shall be calculated by performing a mass balance which shall include actual data from each truck outhauls and stack emissions based on the latest test result. The calculations shall be performed on a quarterly basis

Feed rate (MBLD), sulfur content (%) in the feed, feed source (vacuum gas oil, coker gas oil); regenerator air rate (SCFM), combustion promotor, design effluent flow rate (MSCFM); collecting plates face velocity (FPM); amount of De-NOx and De-SOx catalyst used (lb/d), catalyst particle size and w%, catalyst circulation rate and make-up rate (ton/d); coke burn-off rate (ton/hr); NH3 injection rate (lb/hr); and supplemental fuel used in the waste heat boiler (MSCFH)

The above records shall be submitted to AQMD with the associated supporting documents on a quarterly basis

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

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

[Devices subject to this condition : C165, C166]

K67.14 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Required maintenance of the CO boiler

Duration of the maintenance and unfired mode of the CO boiler

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

[Devices subject to this condition : D151, C164, D2404]

K67.15 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Duration of the planned startup and shutdown of the FCCU

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : D151, D2404]

K67.16 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Truck outhauls of the hopper

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C165, C166, C2283, C2284]

K67.18 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Re-piping of carbon vessels and re-filling the activated carbon

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

[**40CFR 60 Subpart J, 6-24-2008; CONSENT DECREE CIVIL CASE No. 05 C 5809, 12-13-2005**]

[Devices subject to this condition : C2393, C2394]

K67.19 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records when emptying the sulfur compound contaminated condensate collection pot 28C-XP

[RULE 1401, 6-5-2009]

[Devices subject to this condition : D2408]

K67.20 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records when using the standby eductor (28H-6B) and associated piping system

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

[Devices subject to this condition : D2391, D2409]

K171.1 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper 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**]

[Devices subject to this condition : D734, D735, D742, D743, D745, D746, D753, D755, D756, D759, D760, D764]

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

K171.2 The operator shall provide to the District the following items:

No later than 60 days after initial starup, the final designed data sheet of the driers

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

[Devices subject to this condition : D2130]

K171.3 The operator shall provide to the District the following items:

Within 60 days after the construction is completed, an updated schematic drawing of the waste system within the refinery to show the location the sump and its air pollution control equipment

[**RULE 1176, 9-13-1996**]

[Devices subject to this condition : D2136]

K171.4 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction.

Update P&ID for tank service, tank dimensions, and tank water draws shall be submitted to the District within 60 days after construction

[**RULE 1178, 4-7-2006**]

[Devices subject to this condition : D701, D740, D758, D775]

K171.5 The operator shall provide to the District the following items:

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

Final designed P&ID within 60 days after construction is completed including, but not limited to heating rate and fuel lines for heater 24F-1

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

[Devices subject to this condition : D926, D2239]

K171.7 The operator shall provide to the District the following items:

Within 60 days after the construction is completed, the final designed P&ID including, but not limited to vent to control equipment and wastewater drains from knockout pots, compressors, & coalescers

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

[Devices subject to this condition : D390, D2234, D2235, D2236, D2237]

K171.8 The operator shall provide to the District the following items:

Final P&ID drawings of the crude oil desalter section including normal and emergency vents shall be submitted to the district within 60 days after construction

Final P&ID drawings of the crude oil desalter section including drains systems for brine water & brine oily water shall be submitted to the District within 60 days after construction

Final design data sheet of the desalter vessels shall be submitted to the District within 60 days after construction

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

[Devices subject to this condition : D21, D22, D2251, D2252]

K171.12 The operator shall provide to the District the following items:

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

P&ID drawings of the NH3 injection grid located upstream of the SCR (Grid 3) shall be submitted to the district within 60 days after construction

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C1772]

K171.13 The operator shall provide to the District the following items:

P&ID drawings of the bypass ducting handling emergency vent, including the dimensions and detailed flow detection with recording system, shall be submitted to the district within 60 days after permit issuance date

[**RULE 1105.1, 11-7-2003**]

[Devices subject to this condition : C1772]

K171.18 The operator shall provide to the District the following items:

Update and complete P&ID drawings of the loading equipment shall be submitted to the District within 60 days after permit issuance date

Designate one hose, out of four hoses, to draw the SOx reducing catalyst (GRACE Davison Super DESOX) in the loading system. This designated hose shall be expired once the Rule 441 Research Operations Permit is cancelled

Records shall be kept when using all four filling hoses and records when using the existing catalyst loading system

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

[Devices subject to this condition : D2395]

K171.19 The operator shall provide to the District the following items:

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

Update and complete the supporting documents (custom designed spec sheets, drawings, P&ID) of the Pot 28C-XP shall be submitted to the District within 60 days after permit issuance date

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

[Devices subject to this condition : D2408]

K171.20 The operator shall provide to the District the following items:

Update and complete P&ID 28AXXXXD01 prepared for the treated sulfur vapor vent/vapor collection system eductors shall be submitted to the District within 60 days after permit issuance date

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

[Devices subject to this condition : D2391, D2409]