

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 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, LIGHT STRAIGHT RUN, LIQUIFIED PETROLEUM GAS, 16 TOTAL; DIAMETER: 2 IN A/N:	D675				E193.5, E193.6, E336.2, E336.7, K67.4, K67.5
LOADING AND UNLOADING ARM, LIGHT STRAIGHT RUN, LIQUIFIED PETROLEUM GAS, 8 TOTAL; DIAMETER: 2 IN A/N:	D1994				C1.53, E336.6, K67.4
FUGITIVE EMISSIONS, MISCELLANEOUS A/N:	D1855			HAP: (10) [40CFR 63 Subpart CC, #5A, 5-25-2001]	H23.25, H23.34
POT, KNOCKOUT POT, 51C-110, LSR RACK PSV, HEIGHT: 3 FT ; DIAMETER: 2 FT A/N:	D2444				
System 2: LPG TANK TRUCK LOADING/UNLOADING RACK					S15.1, S15.2
LOADING ARM, LIQUIFIED PETROLEUM GAS, 2 TOTAL A/N: A21946	D1470				
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

* (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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Process 13: LOADING/UNLOADING PROCESS					P13.1
LOADING ARM, BOTTOM, LOADING RACK NO. 1, GASOLINE, WITH DRYBREAK COUPLERS, 6 TOTAL; DIAMETER: 4 IN A/N: 389291	D1526			HAP: 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
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 389291	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: 389292	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]	C1.47
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 389292	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
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

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

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

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Process 13: LOADING/UNLOADING PROCESS					P13.1
LOADING ARM, TOP, ONE 2" OVERHEAD SWING-TYPE, WITH 3" FLEXIBLE VAPOR RECOVERY HOSE, DIAMETER: 2 IN A/N: 475232	D644	C2393 C2394		SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	E336.18
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 475232	D1847			HAP: (10) [40CFR 63 Subpart CC, #5A, 6-23-2003]	
System 7: SULFUR VAPOR COLLECTION SYSTEM					S15.6, S18.4
POT, 28SP-1, CONDENSATE COLLECTION, H2S TREATED VENT STREAMS, 102 GALS; DIAMETER: 2 FT ; LENGTH: 4 FT 10 IN WITH A/N: 509104 DRUM, PORTABLE, CONDENSATE RECEIVED FROM 28SP-1, 55 GALS, HEIGHT: 3 FT ; DIAMETER: 2 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	D2391	C626			E71.14, E193.23, K67.20, K171.20
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	D2409	C626			E71.15, E193.23, K67.20, K171.20
System 8: APC SYSTEM					S18.5

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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Process 13: LOADING/UNLOADING PROCESS					P13.1
INJECTOR, WATER INJECTOR A/N: 475231	D2436	D2392			
INJECTOR, WATER ONJECTOR A/N: 475231	D2437	D2392			
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	D2392	C2393 C2394 D2436 D2437 D2438			
INJECTOR, WATER INJECTOR A/N: 475231	D2438	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 PARALLEL WITH VESSEL 28C-108, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 475231	C2393	D644 D1375 D2392			D90.13, D90.14, E193.24, K67.18
CARBON ADSORBER, VESSEL, 28C-108, SERVING SULFUR STORAGE PIT(28R-137) & TRUCK LOADING, MIDAS OCM H2S TREATING, ACTIVATED CARBON-METAL OXIDE MATRIX, USFILTER, IN PARALLEL WITH VESSEL 28C-107, HEIGHT: 12 FT ; DIAMETER: 4 FT A/N: 477259	C2394	D644 D1375 D2392			D90.13, D90.14, E193.24, K67.18

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Process 13: LOADING/UNLOADING PROCESS					P13.1
KNOCK OUT POT, 28C-103, DISULFIDE SEPARATOR VENT GAS, HEIGHT: 8 FT ; DIAMETER: 1 FT 6 IN A/N: 483878	D2248	C626			
INCINERATOR, 28F-11, NATURAL GAS, PROCESS GAS, REFINERY GAS, 60 MMBTU/HR WITH A/N: 483878 BURNER, NATURAL GAS, REFINERY GAS, 4 TOTAL; 60 MMBTU/HR	C626	D1324 S1766 D2248 D2391 D2409	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]; SOX: 500 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]	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	S1766	C626			
FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 483878	D1844			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, SERVING LOADING BAYS NO. 1 & 2,, HEIGHT: 11 FT ; DIAMETER: 4 FT 6 IN A/N: 369338	C1769	D1767 D1768 C1776			D12.9

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FACILITY PERMIT TO OPERATE EXXONMOBIL OIL CORPORATION

SECTION D: DEVICE ID INDEX

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

**FACILITY PERMIT TO OPERATE
 EXXONMOBIL OIL CORPORATION**

SECTION D: DEVICE ID INDEX

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D1526	2	13	3
D1527	2	13	3
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S1766	5	13	8
C1769	5	13	10
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D1855	1	13	1
D1955	1	13	2
D1956	2	13	4
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D2248	5	13	8
D2391	3	13	7
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D2409	3	13	7
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D2437	4	13	8
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