

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18897

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
XF1011	No 11 Boiler (8)	NO _x	13.73	60.13
		CO	3.64	15.94
		PM	0.77	3.39
		PM ₁₀	0.77	3.39
		PM _{2.5}	0.77	3.39
		VOC	0.56	2.46
		SO ₂	3.06	4.96
		H ₂ S	0.03	0.05
XF1601	No. 6 Crude Unit Furnace 1 (8)	NO _x	5.93	25.97
		CO	5.93	25.97
		PM	1.26	5.53
		PM ₁₀	1.26	5.53
		PM _{2.5}	1.26	5.53
		VOC	0.91	4.00
		SO ₂	4.98	8.08
		H ₂ S	0.05	0.09

Emission Sources - Maximum Allowable Emission Rates

XF1602	No. 6 Crude Unit Furnace 2 (8)	NO _x	6.16	26.98
		CO	5.28	23.13
		PM	1.31	5.74
		PM ₁₀	1.31	5.74
		PM _{2.5}	1.31	5.74
		VOC	0.95	4.16
		SO ₂	5.18	8.40
		H ₂ S	0.06	0.09
XF3804	Plant 38 Feed Furnace (8)	NO _x	2.59	11.34
		CO	0.92	4.05
		PM	0.20	0.86
		PM ₁₀	0.20	0.86
		PM _{2.5}	0.20	0.86
		VOC	0.14	0.62
		SO ₂	0.78	1.26
		H ₂ S	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

XF3901	Plant 39 Diesel Furnace (8)	NO _x	2.59	11.34
		CO	2.59	11.34
		PM	0.55	2.42
		PM ₁₀	0.55	2.42
		PM _{2.5}	0.55	2.42
		VOC	0.40	1.75
		SO ₂	2.18	3.81
		H ₂ S	0.02	0.04
XF4131	Naphtha Hydrotreater Furnace No. 1 (8)	NO _x	3.68	16.10
		CO	1.31	5.75
		PM	0.28	1.22
		PM ₁₀	0.28	1.22
		PM _{2.5}	0.28	1.22
		VOC	0.20	0.89
		SO ₂	1.10	1.79
		H ₂ S	0.01	0.02
XF4132	Naphtha Hydrotreater Furnace No. 2 (8)	NO _x	3.68	16.10
		CO	1.31	5.75
		PM	0.28	1.22
		PM ₁₀	0.28	1.22
		PM _{2.5}	0.28	1.22
		VOC	0.20	0.89
		SO ₂	1.10	1.79
		H ₂ S	0.01	0.02

Emission Sources - Maximum Allowable Emission Rates

XF4150-60	Rheniformer Reactor Furnace (F-4150) (8)	NO _x	7.07	24.99
		CO	7.07	24.99
		PM	1.51	5.32
		PM ₁₀	1.51	5.32
		PM _{2.5}	1.51	5.32
		VOC	1.09	3.85
		SO ₂	5.94	7.78
		H ₂ S	0.06	0.08
XF4150-60	Rheniformer Reactor Furnace (F-4160) (8)	NO _x	5.71	24.99
		CO	5.71	24.99
		PM	1.21	5.32
		PM ₁₀	1.21	5.32
		PM _{2.5}	1.21	5.32
		VOC	0.88	3.85
		SO ₂	4.80	7.78
		H ₂ S	0.05	0.08

Emission Sources - Maximum Allowable Emission Rates

XF4170-80	Rheniformer Reactor Furnace (F-4170) (8)	NO _x	7.28	31.89
		CO	4.90	21.46
		PM	1.04	4.57
		PM ₁₀	1.04	4.57
		PM _{2.5}	1.04	4.57
		VOC	0.75	3.31
		SO ₂	4.12	6.68
		H ₂ S	0.04	0.07
XF4170-80	Rheniformer Reactor Furnace (F-4180) (8)	NO _x	4.29	18.79
		CO	2.89	12.65
		PM	0.61	2.69
		PM ₁₀	0.61	2.69
		PM _{2.5}	0.61	2.69
		VOC	0.44	1.95
		SO ₂	2.43	3.94
		H ₂ S	0.03	0.04

Emission Sources - Maximum Allowable Emission Rates

6	Boiler No. 1 (H-901) (8)	NO _x	32.94	144.28
		CO	6.41	28.05
		PM	1.36	5.97
		PM ₁₀	1.36	5.97
		PM _{2.5}	1.36	5.97
		VOC	0.99	4.32
		SO ₂	5.38	8.73
		H ₂ S	0.06	0.09
8	Boiler No. 3 (H-903) (8)	NO _x	10.81	47.35
		CO	6.10	26.73
		PM	1.30	5.69
		PM ₁₀	1.30	5.69
		PM _{2.5}	1.30	5.69
		VOC	0.94	4.12
		SO ₂	5.13	8.32
		H ₂ S	0.05	0.09
109	Vacuum Unit Heater (H-1601) (8)	NO _x	21.62	51.30
		CO	6.31	27.62
		PM	1.34	5.88
		PM ₁₀	1.34	5.88
		PM _{2.5}	1.34	5.88
		VOC	0.97	4.26
		SO ₂	5.30	8.60
		H ₂ S	0.06	0.09

Emission Sources - Maximum Allowable Emission Rates

125	Vacuum Preflash Heater (H-1101) (8)	NO _x	3.31	14.48
		CO	1.18	5.17
		PM	0.25	1.10
		PM ₁₀	0.25	1.10
		PM _{2.5}	0.25	1.10
		VOC	0.18	0.80
		SO ₂	0.99	1.61
		H ₂ S	0.01	0.02
K501-04	Relief Gas Compressors (8)	NO _x	4.14	18.13
		CO	11.25	49.28
		PM	0.15	0.65
		PM ₁₀	0.15	0.65
		PM _{2.5}	0.15	0.65
		VOC	1.80	7.88
		SO ₂	0.01	0.04
97	Fire Water Pump (8)	NO _x	7.25	0.77
XH-103	CPS Crude Heater	CO	1.56	0.16
		PM	0.51	0.05
		PM ₁₀	0.51	0.05
		PM _{2.5}	0.51	0.05
		VOC	0.59	0.06
		SO ₂	0.48	0.05
		NO _x	6.65	29.13
		CO	6.65	29.13
		PM	1.42	6.20
		PM ₁₀	1.42	6.20
		PM _{2.5}	1.42	6.20
		VOC	1.02	4.49
		SO ₂	5.32	8.99
		H ₂ S	0.06	0.10

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XF3902	Plant 39 Furnace	NO _x	1.44	6.33
		CO	1.44	6.33
111	FCCU (8)	PM	0.31	1.35
		PM ₁₀	0.31	1.35
		PM _{2.5}	0.31	1.35
		VOC	0.22	0.97
		SO ₂	1.21	2.13
		H ₂ S	0.01	0.02
		NO _x	74.41	75.04
		CO	58.88	91.36
		PM	24.00	91.98
		PM ₁₀	24.00	91.98
		PM _{2.5}	24.00	91.98
		VOC	3.57	14.39
		SO ₂	33.65	52.21
		H ₂ SO ₄	3.96	15.18
SVE-TC1	Soil Vapor Extraction - Thermal Combustor 1 (8)	NO _x	1.37	6.01
		CO	1.15	5.05
		PM	0.10	0.46
		PM ₁₀	0.10	0.46
		PM _{2.5}	0.10	0.46
		VOC	4.03	17.65
		SO ₂	0.37	1.64
SVE-TC2	Soil Vapor	NO _x	1.37	6.01
		CO	1.15	5.05
PK-853	North Wastewater	PM	0.10	0.46
		PM ₁₀	0.10	0.46
		PM _{2.5}	0.10	0.46
		VOC	4.03	17.65
		SO ₂	0.37	1.64
		NO _x	0.87	3.79
		CO	0.54	2.39
T-24	TK-024 (8)	PM	0.05	0.22
		PM ₁₀	0.05	0.22
		PM _{2.5}	0.05	0.22
		VOC	0.18	0.77
		SO ₂	2.48	10.87
		H ₂ S	0.03	0.12
		Benzene	0.02	0.11
		VOC	0.41	0.01

Emission Sources - Maximum Allowable Emission Rates

T-52	TK-052 (8)	VOC	1.48	4.48
		Benzene	0.02	0.06
T-61	TK-061 (8)	VOC	0.92	2.39
		Benzene	0.01	0.03
T-69	TK-069 (8)	VOC	0.73	1.88
		Benzene	0.01	0.02
T-76	TK-076 (8)	VOC	0.81	1.98
T-90	TK-090 (8)	Benzene	0.02	0.03
		VOC	0.76	1.50
T-92	TK-092 (8)	Benzene	0.01	0.02
		VOC	5.25	2.04
T-94	TK-094 (8)	Benzene	0.02	0.03
		VOC	0.75	1.86
T-95	TK-095 (8)	Benzene	0.02	0.02
		VOC	1.55	2.43
T-96	TK-096 (8)	Benzene	0.05	0.04
		VOC	1.50	2.75
T-97	TK-097 (8)	Benzene	0.04	0.04
		VOC	1.50	2.70
T-98	TK-098 (8)	Benzene	0.04	0.04
T-99	TK-099 (8)	VOC	0.93	0.10
T-100	TK-100 (8)	VOC	0.28	0.08
T-101	TK-101 (8)	VOC	2.30	0.92
T-102	TK-102 (8)	VOC	0.05	0.05
		Benzene	2.96	8.60
T-106	TK-106 (8)	Benzene	0.04	0.11
T-107	TK-107 (8)	VOC	1.74	1.48
		VOC	2.94	8.42
T-110	TK-110 (8)	Benzene	0.05	0.11
		VOC	1.84	5.79
T-113	TK-113 (8)	Benzene	0.03	0.07
		VOC	1.14	3.61
T-114	TK-114 (8)	Benzene	0.02	0.04
		VOC	0.98	2.36
T-115	TK-115 (8)	Benzene	0.02	0.03
		VOC	0.72	2.21
T-116	TK-116 (8)	Benzene	0.01	0.03
		VOC	1.27	3.02
T-117	TK-117 (8)	Benzene	0.02	0.04
		VOC	0.91	2.46

Emission Sources - Maximum Allowable Emission Rates

		Benzene	0.02	0.03
		Toluene	0.30	0.15
T-118	TK-118 (8)	Xylene	0.28	0.07
		VOC	1.14	3.63
		Benzene	0.02	0.05
T-119	TK-119 (8)	VOC	1.00	2.72
T-120	TK-120 (8)	VOC	0.79	2.12
		Benzene	0.02	0.03
T-123	TK-123 (8)	VOC	0.98	2.90
		Benzene	0.02	0.04
T-124	TK-124 (8)	VOC	0.95	2.81
T-125	TK-125 (8)	Benzene	0.02	0.04
		VOC	0.87	2.65
T-126	TK-126 (8)	Benzene	0.06	0.15
		VOC	0.94	2.99
T-127	TK-127 (8)	Benzene	0.01	0.04
		VOC	1.14	3.19
T-129	TK-129 (8)	Benzene	0.02	0.04
		VOC	2.12	7.08
T-130	TK-130 (8)	Benzene	0.03	0.09
		VOC	1.27	2.99
T-131	TK-131 (8)	Benzene	0.02	0.04
		VOC	2.32	6.31
T-132 T-133	TK-132 (8) TK-133 (8)	Benzene	0.03	0.10
		VOC	1.63	3.92
		VOC	4.47	13.43
		Benzene	0.06	0.17
T-135	TK-135 (8)	VOC	0.75	0.17
		Benzene	0.01	0.01
T-137	TK-137 (8)	VOC	1.72	6.53
T-138	TK-138 (8)	Benzene	0.09	0.33
		VOC	3.42	10.40
T-139	TK-139 (8)	H2S	0.02	0.06
		VOC	0.56	0.28
T-140	TK-140 (8)	VOC	3.08	8.95
		Benzene	0.06	0.12
T-141	TK-141 (8)	VOC	2.11	4.93
		Benzene	0.04	0.07

Emission Sources - Maximum Allowable Emission Rates

T-142	TK-142 (8)	VOC	1.27	3.46
		Benzene	0.02	0.05
T-143	TK-143 (8)	VOC	1.36	3.99
		Benzene	0.02	0.05
T-144	TK-144 (8)	VOC	1.39	3.63
		Benzene	0.03	0.05
T-145	TK-145 (8)	VOC	1.54	3.96
		Benzene	0.03	0.05
T-146	TK-146 (8)	VOC	1.54	4.34
		Benzene	0.02	0.06
T-164	TK-164 (8)	VOC	1.14	2.67
T-165	TK-165 (8)	Benzene	0.02	0.04
		VOC	2.14	3.97
T-166	TK-166 (8)	Benzene	0.05	0.05
		VOC	1.24	2.78
T-167	TK-167 (8)	Benzene	0.02	0.04
		VOC	1.51	3.91
T-181	TK-181 (8)	Benzene	0.03	0.05
		VOC	4.65	5.50
		Benzene	0.03	0.07
T-182	TK-182 (8)	VOC	5.53	14.78
		Benzene	0.07	0.19
T-183	TK-183 (8)	VOC	8.23	27.98
		Benzene	0.11	0.35
T-190	TK-190 (8)	VOC	8.83	29.66
		Benzene	0.12	0.37
T-191	TK-191 (8)	VOC	2.49	7.77
		Benzene	0.04	0.10
T-192	TK-192 (8)	VOC	8.58	29.30
		Benzene	0.12	0.37
T-202	TK-202 (8)	VOC	0.87	2.36
		Benzene	0.02	0.03
T-210	TK-210 (8)	VOC	1.96	6.82
		Benzene	0.05	0.16
T-211	TK-211 (8)	VOC	2.09	6.89
		Benzene	0.03	0.09
T3601	TK-3601 (8)	VOC	0.80	2.49
		Benzene	0.01	0.03
24	TK-4001 (8)	VOC	0.92	2.78

Emission Sources - Maximum Allowable Emission Rates

		Benzene	0.02	0.04
70	TK-4007 (8)	VOC	1.70	0.44
71	TK-4008 (8)	VOC	0.61	0.35
66	TK-4012 (8)	VOC	0.76	0.26
52	TK-4013 (8)	VOC	0.81	0.35
79	TK-4035 (8)	VOC	0.58	1.16
		Benzene	0.01	0.01
22	TK-4040 (8)	VOC	1.19	2.79
		Benzene	0.03	0.04
54	TK-4041 (8)	VOC	0.85	0.06
53	TK-4046 (8)	VOC	1.70	0.44
28	TK-4050 (8)	VOC	11.81	39.37
		Benzene	0.17	0.49
67	TK-4051 (8)	VOC	1.83	0.41
29	TK-4057 (8)	VOC	1.66	0.12
		Benzene	0.01	0.01
T4064	TK-4064 (8)	VOC	0.81	0.04
		Benzene	0.01	0.01
45	TK-4065 (8)	VOC	4.43	13.44
		Benzene	0.08	0.17
46	TK-4113 (8)	VOC	1.83	0.44
41	TK-4114 (8)	VOC	4.82	15.95
		Benzene	0.07	0.20
48	TK-4115 (8)	VOC	1.71	0.76
49	TK-4116 (8)	VOC	1.71	0.87
50	TK-4117 (8)	VOC	1.34	3.04
		Benzene	0.03	0.04
38	TK-4118 (8)	VOC	2.10	3.84
		Benzene	0.03	0.05
39	TK-4119 (8)	VOC	1.38	3.67
		Benzene	0.02	0.05
40	TK-4120 (8)	VOC	1.38	3.80
		Benzene	0.02	0.05
42	TK-4121 (8)	VOC	1.70	5.16
		Benzene	0.03	0.07
43	TK-4122 (8)	VOC	1.64	4.81
		Benzene	0.03	0.06

Emission Sources - Maximum Allowable Emission Rates

47	TK-4123 (8)	VOC	1.57	3.78
44	TK-4124 (8)	Benzene	0.02	0.05
		VOC	1.56	4.45
T4270	TK-4270 (8)	Benzene	0.03	0.06
		VOC	0.83	0.20
T4272	TK-4272 (8)	Benzene	0.01	0.01
		VOC	1.86	1.30
		Benzene	0.01	0.02
T4273	TK-4273 (8)	VOC	1.86	1.30
		Benzene	0.01	0.02
T-4274	TK-4274 (8)	VOC	0.68	0.03
T-4275	TK-4275 (8)	VOC	0.68	0.03
T4276 116	TK-4276 (8)	VOC	0.82	0.03
	TK-4285 (8)	VOC	6.11	6.76
118	TK-4601 (8)	Benzene	0.04	0.08
		VOC	2.39	6.03
119	TK-4602 (8)	Benzene	0.05	0.08
		VOC	3.20	1.40
120	TK-4603 (8)	VOC	3.20	1.41
124	TK-4605 (8)	VOC	4.28	13.91
T4607	TK-4607 (8)	Benzene	0.06	0.18
		VOC	0.21	0.21
TANK504	TK-504 (8)	Benzene	0.01	0.01
		VOC	2.54	0.04
TANK506	TK-506 (8)	Benzene	0.03	0.01
		VOC	0.33	0.01
VENT507	TK-507 (8)	VOC	0.33	0.01
TANK508	TK-508 (8)	VOC	1.11	1.35
TANK509	TK-509 (8)	Benzene	0.04	0.02
		VOC	48.41	6.68
PRV512	TK-512 (8)	VOC	0.13	0.01
		Benzene	0.01	0.01
TANK513	TK-513 (8)	VOC	1.33	1.44
		Benzene	0.05	0.02
		Toluene	1.28	0.12
		Xylene	1.26	0.08
TANK514	TK-514 (8)	VOC	0.92	1.16
		Benzene	0.03	0.02

Emission Sources - Maximum Allowable Emission Rates

		Toluene	0.79	0.13
TANK515	TK-515 (8)	Xylene	0.78	0.09
		VOC	0.72	1.08
		Benzene	0.02	0.02
TANK516	TK-516 (8)	VOC	0.66	1.11
TK-517	TK-517 (8)	Benzene	0.02	0.02
		VOC	1.85	0.15
		VOC	1.85	0.11
VENT518	TK-518 (8)	VOC	1.85	0.07
VENT519	TK-519 (8)	VOC	1.26	1.14
TANK520	TK-520 (8)	Benzene	0.05	0.02
TANK521	TK-521 (8)	VOC	1.31	1.62
TANK522	TK-522 (8)	Benzene	0.05	0.03
		VOC	1.20	1.79
		Benzene	0.04	0.03
T-524	TK-524 (8)	VOC	0.09	0.05
T-525	TK-525 (8)	VOC	0.09	0.05
T-803	TK-803 (8)	VOC	2.16	7.21
T-804	TK-804 (8)	Benzene	0.03	0.09
		VOC	1.92	6.41
		Benzene	0.03	0.08
DEATANK	DEATANK (8)	VOC	0.01	0.01
T-8402	DEA Tank (8)	VOC	0.01	0.01
D-4145	TK-4145 (8)	VOC	0.87	0.02
D-3106	TK-3106 (8)	VOC	3.01	0.25
WAXCLD	DHT Wax Cloud	VOC	0.01	0.01
F-38	Plant 38 Piping Fugitives (5) (8)	VOC	2.52	11.03
		H ₂ S	0.01	0.01
F-39	Plant 39 Fugitives (5) (8)	VOC	4.60	20.14
		H ₂ S	0.02	0.08
		Benzene	0.01	0.01
F-16N	No. 6 Crude Unit Piping Fugitives (5) (8)	VOC	9.30	40.71
		H ₂ S	0.01	0.01
F-71-72	North 84 Plant	Benzene	0.05	0.20
		VOC	1.00	4.37

Emission Sources - Maximum Allowable Emission Rates

F-10N	North Plant Utilities	H ₂ S	0.01	0.01
		VOC	3.70	16.20
WWCTS	North API	H ₂ S	0.01	0.01
		VOC	1.82	7.93
		Benzene	0.01	0.01
		H ₂ S	0.01	0.05
F-20N	North Isom Piping	NH ₃	0.01	0.05
		VOC	2.41	10.53
LE-FUG	LER Unit Fugitives (5) (8)	VOC	5.75	25.18
		Benzene	0.26	1.12
		H ₂ S	0.01	0.02
F-41	Rheniformer/NHT/L SR Splitter Fugitives (5) (8)	VOC	4.87	21.32
		Benzene	0.12	0.52
		H ₂ S	0.01	0.02
TNK-FUG	Tank Field Piping Fugitives (5) (8)	VOC	17.95	78.62
		Benzene	0.15	0.65
F-8	South Poly Plant	VOC	3.20	14.00
		Benzene	0.15	0.62
F-9	Jet Fuel Treating	H ₂ S	0.01	0.01
		VOC	1.04	4.54
F-5 F-20S W-2	Alkylation Fugitives (5) (8) Alky II Fugitives (5) South API	VOC	9.62	42.13
		VOC	3.90	17.07
F-23	South Utilities	VOC	0.75	3.27
		Benzene	0.01	0.01
F-19	Butamer Fugitives	VOC	2.79	12.18
		H ₂ S	0.01	0.01
F-11	FCCU Fugitives (5) (8)	VOC	3.21	14.06
		H ₂ S	8.69	38.04
F-1/2	CPS/DCU Fugitives	Benzene	0.01	0.02
		VOC	0.10	0.41
		H ₂ S	5.86	25.66
		H ₂ S	0.01	0.01
F-22	Merox III Fugitives	Benzene	0.03	0.13
		VOC	0.89	3.87
		Benzene	0.01	0.05
F-10 SP	Naphtha Merox Fugitives	VOC	1.33	5.81

20029 VRU (8)

Truck Loading

Emission Sources - Maximum Allowable Emission Rates

LRACK-FUG	Terminal Loading	VOC	0.16	0.33
VACLR	Vacuum Residue	VOC	0.01	0.01
PK-854	North Wastewater	VOC	0.39	1.68
		H ₂ S	0.01	0.01
		NH ₃	0.01	0.05
98	South API Oil	Benzene	0.01	0.02
		VOC	0.39	1.68
CA-SK	Marketing Terminal	Benzene	0.01	0.02
		VOC	0.14	0.60
CA-SK	Marketing Terminal Sump-2 (8)	VOC	0.14	0.60
RHENSCRUB	Rheniformer	HCl	0.09	0.02
PK-855	Catalyst Regeneration	VOC	0.66	2.89
	WWCT-5 Cation	Benzene	0.01	0.02
		H ₂ S	0.01	0.04
		NH ₃	0.01	0.04
WWCTS2	New North	VOC	1.80	7.88
		Benzene	0.01	0.01
		H ₂ S	0.01	0.04
Compliance Caps -	NO _x	NH ₃	0.01	0.04
	PM	189.00	499.00	
		49.00	97.00	
	PM ₁₀	49.00	97.00	
	PM _{2.5}	49.00	97.00	
	VOC	373.00	856.00	
	Benzene	1.46	4.78	
Individual Emission Rate Limits				
D-2914	Relief Gas North Main Flare (6)	VOC	9.86	-
		NO _x	18.48	-
		CO	46.20	-
		SO ₂	72.90	-
R-2911	Rheniformer Flare	H ₂ S	0.77	-
		VOC	7.46	-
		NO _x	18.72	-
		CO	48.78	-
		SO ₂	0.01	-
		H ₂ S	0.77	-

Emission Sources - Maximum Allowable Emission Rates

D-2914/R-2911	North Main Flare/	VOC	-	0.40
		NO _x	-	3.51
		CO	-	16.24
112	Plant	SO ₂	-	0.47
		H ₂ S	-	0.01
		VOC	0.01	0.01
		NO _x	0.02	0.07
0.49 XF8801/2 2.61		CO	0.11	
		SO ₂	0.01	
	Steam Reformer Heater F-8801 Steam Reformer Heater F-8802	VOC	0.70	
		NO _x	4.52	
		CO	4.52	
		PM	0.96	
PM ₁₀ 0.96 3.61				
	Hydrogen Plant	PM _{2.5}	0.96	3.61
		SO ₂	3.81	1.92
		H ₂ S	0.08	0.04
		CO	0.01	0.06
		VOC	0.04	0.18
		H ₂ S	0.01	0.01
		NO _x	3.87	19.92
		CO	209.09	13.19
		SO ₂	21.36	1.68
		PM ₁₀	21.36 61.07	1.68 5.79
		H ₂ S	0.05	0.03
		NO _x	41.24	9.81
D-2914/R-2911	North Flares [Including North Relief Gas Flare (EPN D-2914) and Rheniformer Flare (EPN R-2911)]	VOC	92.90	0.89
		NO _x	41.24	9.81
		CO	164.24	30.55
		SO ₂	587.61	5.66
		H ₂ S	6.24	0.06

Emission Sources - Maximum Allowable Emission Rates

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.	South Main Flare	VOC	227.54	2.38
		NO _x	48.38	3.24
		CO	192.70	12.92
		SO ₂	1,471.87	23.27
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.	Sources as defined in Title 36 Texas Administrative Code § 101.1			
(3) VOC	- volatile organic compounds			
NO _x	- total oxides of nitrogen			
SO ₂	- sulfur dioxide			
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented			
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented			
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter			
CO	- carbon monoxide			
HCl	- hydrochloric acid			
H ₂ S	- hydrogen sulfide			
H ₂ SO ₄	- sulfuric acid			
NH ₃	- ammonia			

Emission Sources - Maximum Allowable Emission Rates

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned MSS activities described in Special Condition 38 and pilot emissions are authorized.
- (7) Only pilot emissions are authorized for these combustion sources.
- (8) Total emission rates from these emission points shall comply with compliance caps contained in this MAERT.

Date: June 6, 2014