

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21716

This table lists the maximum allowable emission rates of the sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
A2	Boiler	VOC	0.03	0.15
		PM	0.03	0.14
		NO _x	0.64	2.80
		CO	0.13	0.56
		SO ₂	<0.01	0.02
B1	Boiler	VOC	0.04	0.16
		PM	0.13	0.57
		NO _x	1.48	6.48
		CO	0.44	1.92
		SO ₂	<0.01	0.03
B3	Boiler	VOC	0.04	0.16
		PM	0.13	0.57
		NO _x	1.48	6.48
		CO	0.44	1.92
		SO ₂	<0.01	0.03
C1	Charring Oven	POC	0.26	1.14
D1	LPG Unloading/Recovery System	VOC (6)	0.73	3.20
E1	Railcar Vapor Purge	VOC	2.31	0.23
		PM	0.40	0.20
		NO _x	0.38	1.67
		CO	0.08	0.35
		SO ₂	<0.01	0.01

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			lb/hr	TPY
F17-F22a and F22b		Lining Area to include		VOC
	78.60	101.40		
	Lining and Small Parts	PM	0.02	0.08
	Curing Ovens	NO _x	1.92	8.40
		CO	0.38	1.68
		SO ₂	0.01	0.05
H1-H12a	Two Railcar Paint Booths with	VOC (5)		151.20
	130.80			
	Curing Ovens and One Small	PM (5)		2.64
	2.28			
	Parts Paint Booth	POC	0.43	1.73
K	Flare	VOC	20.87	9.34
		NO _x	12.47	10.37
		CO	9.08	3.80
		Ammonia	3.77	0.26
L	Railcar Exterior Grit Blasting	PM	0.70	1.39
M, M1, and M2	Railcar Interior Grit Blasting	PM	0.70	0.30
N	3I Cleaning System	VOC	133.00	2.96
		Inorganics	10.40	0.28
O	Two-Stage Vapor Purging System	Ammonia	0.01	0.02
P	Two-Stage Vapor Purging System	Chlorine	0.08	0.12
T1 and T2	Fuel Storage Tank	VOC (6)	0.02	0.07

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

(1) Emission point number from plot plan and Table 1(a).

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

POC - products of natural gas combustion

(4) For any 12-consecutive month period.

(5) From paints only.

(6) Fugitive emissions.

* Facilities may operate:

Hours/day 24 Days/week 7 Weeks/year 52

Dated _____