

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

(2)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17684

This table lists the maximum allowable emission rates allowed for all sources at this site.

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

1, 2, 3, 4, 5, 7, 8, 9, 18, and 19	Fabrication Lines vented through Scrubbers 1900, 1910, 1920, 1960, 1970, 1930, 1940, 1950, SB1, and SB2	VOC	0.39	1.73
		Reactant	1.13	4.93
		Exempt Solvents	0.02	0.10
		Inert Gas	1.34	5.85
		Other 0.13	0.56	
20	Solvent Exhaust	VOC	10.79	30.51
		Reactant	0.04	0.22
		Exempt Solvents	2.34	10.24
		PM 0.34	1.46	
		Other 0.32	1.42	
6	Solvent Exhaust vented through a Catalytic Oxidizer during Ozone Season (5)	VOC	3.22	8.22
		VOC (4)	<0.01	<0.01
		PM (4)	<0.01	<0.01
		NO _x (4)	0.09	0.23
		CO (4)	0.03	0.06
10 and 11	Fabrication Lines vented through Scrubbers 1980 and 1990	SO ₂ (4)	<0.01	<0.01
		VOC	0.09	0.38
		Reactant	0.14	0.60
		PM	<0.01	0.02

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(2)				
26	Industrial Wastewater Tanks	VOC	<0.01	<0.01
27	Waste Solvent Storage Tank	VOC (3)	0.02	0.36
13	100-HP Boiler	NO _x	0.42	1.84
		CO	0.35	1.55
		SO ₂	<0.01	0.01
		PM	0.03	0.14
		VOC	0.02	0.10
14	200-HP Boiler	NO _x	0.84	3.68
		CO	0.71	3.09
		SO ₂	<0.01	0.02
		PM	0.06	0.28
		VOC	0.05	0.20
15	350-HP Boiler	NO _x	1.47	6.44
		CO	1.24	5.41
		SO ₂	<0.01	0.04
		PM	0.11	0.49
		VOC	0.08	0.36
16	350-HP Boiler	NO _x	1.47	6.44
		CO	1.24	5.41
		SO ₂	<0.01	0.04
		PM	0.11	0.49
		VOC	0.08	0.36
17	350-HP Boiler	NO _x	1.47	6.44
		CO	1.24	5.41
		SO ₂	<0.01	0.04
		PM	0.11	0.49
		VOC	0.08	0.36
23	700 kW Generator	NO _x	33.27	1.20

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24	1,000 kW Generator	CO	1.21	0.04
		SO ₂	0.60	0.02
		PM	0.25	0.01
		VOC	0.76	0.03
		NO _x	40.87	1.47
		CO	2.97	0.11
		SO ₂	0.87	0.03
		PM	0.29	0.01
25	1,000 kW Generator	VOC	0.70	0.03
		NO _x	40.87	1.47
		CO	2.97	0.11
		SO ₂	0.87	0.03
		PM	0.29	0.01
All Emission Points	All Sources	Each HAP		<10.00
		Combined HAP		<25.00

(1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC) § 101.1

Exempt Solvents - organic compounds excluded from the definition of VOC in 30 TAC § 101.1

Reactant - inorganic compounds

Inert Gas - inorganic compounds

NO_x - total oxides of nitrogen

CO - carbon monoxide

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

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

SO₂ - sulfur dioxide

Other - acids, bases, elements, salts

HAP - hazardous air pollutant

(2) Rate if for a rolling 12-consecutive months

(3) The emission rates are the sum of the EPNs listed.

(4) Combustion and solvent firing emissions from the catalytic oxidizer

(5) Ozone season defined as months April 1 through October 31.

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AIR CONTAMINANTS DATA

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

Dated December 21, 2006