

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17684

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

AIR CONTAMINANTS DATA

Emission Point No.	Emission Source Name	Air Contaminant (1)	<u>Emission Rates</u>	
			lb/hr	TPY
1, 2, 3, 4, 5, and 7	Scrubbers 1900, 1960, 1970, VOC	0.38	1.68	
	1930, 1940, and 1950 (2)	Reactant		2.93
	12.88			
	(Fabrication Lines A, B, C, 13.97	61.17		
	and D)	Inert Gas	1.05	4.61
6	Thermal Oxidizer	VOC	0.08	0.40
	(Fabrication Lines A, B, C, D, 1.12	4.88		POC
	and E)			
8 and 9	Scrubbers 1920 and 1910 (2)			Reactant
	0.46	2.02		
	(Fabrication Line E)			
13	100 HP Boiler	POC	1.76	7.66
14	200 HP Boiler	POC	0.08	0.37
15	350 HP Boiler	POC	2.04	8.94
16	350 HP Boiler	POC	2.04	8.94
17	350 HP Boiler	POC	2.04	8.94
18,19	Scrubber SB1, SB2 (2)	Reactant	0.22	<0.01
	(Bench-Scale Processes)			
20	Vent	VOC	2.61	0.01
	(Bench-Scale Processes)			
21	4.0 kW Generator	POC	2.91	0.11
22	6.0 kW Generator	POC	2.91	0.11

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- (1) VOC - volatile organic compounds as defined in 30 TAC Section 101.1 (General Rules).
Non-VOC - compounds excluded from the definition of VOC and as listed in Attachment 1.
Reactant - as listed in Attachment 1.
Inert Gas - as listed in Attachment 1.
POC - products of natural gas combustion, including NO_x, CO, PM, VOC, and SO₂.
NO_x - total oxides of nitrogen.
CO - carbon monoxide.
PM - total particulate matter, including particulate matter 10 microns and smaller.
SO₂ - sulfur dioxide.
- (2) The emission rates are the sum of the EPNs listed.

Dated_____