

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49245

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. 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 *	
			lb/hr	TPY**
G-1	Ingersoll Rand (5)	CO	11.23	49.17
		NO _x 12.93	56.65	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	
	(6)	CO	2.70	11.82
		NO _x 1.80	7.88	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	
G-2	Ingersoll Rand (5)	CO	11.50	50.35
		NO _x 13.14	57.56	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	
	(6)	CO	2.70	11.82
		NO _x 1.80	7.88	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	
G-3	Ingersoll Rand (5)	CO	14.60	63.95
		NO _x 13.08	57.28	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	(6)	CO	2.70	11.82
		NO _x 1.80	7.88	
		PM ₁₀ 0.07	0.29	
		SO ₂ 0.01	0.01	
		VOC 0.10	0.44	
H-3	Steam Boiler (65 MMBtu/hr)	CO	5.34	23.38
		NO _x	6.50	28.47
		PM ₁₀ 0.48	2.12	
		SO ₂ 0.04	0.17	
		VOC 0.35	1.53	
H-4	Steam Boiler (65 MMBtu/hr)	CO	5.34	23.38
		NO _x	6.50	28.47
		PM ₁₀ 0.48	2.12	
		SO ₂ 0.04	0.17	
		VOC 0.35	1.53	
I-1	Tail Gas Incinerator (15 MMBtu/hr) (87.0 percent sulfur recovery)	CO	1.05	4.60
		H ₂ S	0.26	1.13
		NO _x	2.10	9.20
		PM ₁₀ 0.11	0.49	
		SO ₂ 485.4	2126.1	
		VOC 0.08	0.35	
	(15 MMBtu/hr) (93.0 percent sulfur recovery)	CO	1.05	4.60
		H ₂ S	0.14	0.61
		NO _x 2.10	9.20	
		PM ₁₀ 0.11	0.49	
		SO ₂ 261.0	1143.0	
		VOC 0.08	0.35	
	(15 MMBtu/hr) (96.0 percent sulfur recovery)	CO	1.05	4.60
		H ₂ S	0.08	0.35
		NO _x 2.10	9.20	
		PM ₁₀ 0.11	0.49	
		SO ₂ 149.3	654.1	
		VOC 0.08	0.35	
	(15 MMBtu/hr)	CO	1.05	4.60

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
	(98.5 percent sulfur recovery)	H ₂ S	0.06	0.24
		NO _x	2.10	9.20
		PM ₁₀	0.11	0.49
		SO ₂	110.8	442.0
		VOC	0.08	0.35
SULFUR PIT	Sulfur Pit/Tank Truck Loading	H ₂ S	0.01	0.01
		SO ₂	0.01	
FUG-1	Process Fugitives (4)	H ₂ S	0.01	0.01
		VOC	0.11	0.49

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) CO - carbon monoxide

H₂S - hydrogen sulfide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter less than 10 microns

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Allowable emissions prior to emission controls required by Special Condition No. 2.

(6) Allowable emissions after the emission controls required by Special Condition No. 2.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated _____