

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 6580 and PSD-TX-151

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
SF-1	Secondary Filter	PM ₁₀	2.4	10.5
SF-2	Secondary Filter	PM ₁₀	1.5	6.6
SF-3	Secondary Filter	PM ₁₀	1.4	6.1
DF-1A	Dryer	PM ₁₀	0.1	0.2
DF-1B	Dryer	PM ₁₀	0.1	0.2
DF-2	Dryer	PM ₁₀	0.2	0.8
7A	Stack	PM ₁₀	25.0	109.5
		H ₂ S	3.6	14.0
		SO ₂	815.2	3175.1
		C ₂ H ₂	8.5	37.2
		CO	739.0	3237.0
		COS	1.4	5.4
		CS ₂	5.0	19.4
		NO _x	41.6	182.3
12A	Stack	PM ₁₀	11.8	51.9
		H ₂ S	1.5	5.7
		SO ₂	333.4	1297.9
		C ₂ H ₂	4.0	17.5
		CO	420.0	1840.0
		COS	0.6	2.2
		CS ₂	2.0	7.9
		NO _x	20.0	87.6

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
13A	Incinerator	PM ₁₀	7.5	32.9
		H ₂ S	8.7	34.0
		SO ₂	2201.6	8571.7
		C ₂ H ₂	21.6	94.6
		CO	501.0	2194.4
		COS	0.7	2.8
		CS ₂	4.6	17.9
		NO _x	132.0	578.0
Flare-1	Flare 1 (4)	PM ₁₀	1.9	0.7
		H ₂ S	1.5	0.6
		SO ₂	595.0	236.0
		C ₂ H ₂	5.7	2.3
		CO	103.3	40.9
		COS	0.51	0.2
		CS ₂	1.5	0.6
		NO _x	8.3	3.3
Flare-2	Flare 2 (4)	PM ₁₀	1.4	0.6
		H ₂ S	1.2	0.5
		SO ₂	477.0	189.0
		C ₂ H ₂	4.1	1.6
		CO	78.3	31.0
		COS	0.5	0.2
		CS ₂	1.2	0.5
		NO _x	6.7	2.7
Flare-3	Flare 3 (4)	PM ₁₀	1.2	0.5
		H ₂ S	1.2	0.5
		SO ₂	449.0	178.0
		C ₂ H ₂	2.7	1.1
		CO	69.3	27.4
		COS	0.4	0.2
		CS ₂	1.2	0.5
		NO _x	5.6	2.2

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 - H₂S - hydrogen sulfide
 - SO₂ - sulfur dioxide
 - VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
 - C₂H₂ - acetylene
 - CO - carbon monoxide
 - COS - carbonyl sulfide
 - CS₂ - carbon disulfide
 - NO_x - total oxides of nitrogen
- (4) Only planned maintenance, startup, or shutdown (MSS) emissions less than or equal to these flare maximum allowable emission rates are authorized by this permit. MSS emissions from the flares due to the failure of a process, process equipment, or pollution control equipment to operate in a normal or usual manner are not authorized by this permit.

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

_____ Hrs/day, _____ Days/week, _____ Weeks/year, or 8,760 Hrs/year

Dated March 9, 2007