

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8149

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant		<u>Emission Rates *</u>
			lb/hr	TPY	
SF-1	Smokeless Flare (5)		VOC	0.23	1.00
			HC	0.69	3.00
			NO _x	1.09	4.70
			CO	3.10	13.58
F-U-H	Flare Fugitives (4)		VOC	0.03	0.10
FT-4	Hot Oil Furnace		VOC	0.025	0.11
			HC	0.013	0.06
			NO _x	0.48	2.10
			CO	0.096	0.42
			SO _x	0.003	0.012
			PM ₁₀	0.024	0.11
N-1 **	Aluminum Loading		PM ₁₀	0.12	0.02
F-U-G	Process Fugitives (4)		VOC	3.02	13.21

- (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 less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_x - sulfur oxides
CO - carbon monoxide
HC - hydrocarbons
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions attributable to facilities under Permit No. 8149 only.

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

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

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AIR CONTAMINANTS DATA

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

** Operation is for 274 hour/year

Dated _____