

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 91012

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)	<u>Emission Rates *</u>	
			lb/hr	TPY **
IMR-1	Sulfuric Acid Scrubber for Tanks, Railcar Unloading and Truck Loading.	H ₂ SO ₄	0.28	0.193
IMR-2	Boiler	NO _x	0.65	1.894
		CO	0.55	1.591
		SO ₂	0.01	0.011
		VOC	0.04	0.104
		PM ₁₀	0.05	0.144
IMR-3	Building Fugitives (4)	PM ₁₀	0.02	0.011
		H ₂ SO ₄	0.01	0.040
IMR-4	Cooling Tower	PM ₁₀	0.46	1.992

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
H₂SO₄ - sulfuric acid
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
VOC - volatile organic compounds (including acetone) as defined in Title 30 Texas Administrative Code § 101.1
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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* Emission rates are based on and the facilities are limited by the following maximum operating schedule: 8,760 hrs/year.

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

Dated December 21, 2009