

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18966

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**
24	Thermal Oxidizer Stack (4)	VOC	0.04	0.17
		NO _x	0.60	2.63
		CO	0.51	2.21
24	Thermal Oxidizer Stack (5)	VOC	1.22	0.15
26	Flare	NO _x	3.76	6.06
		CO	12.71	20.47
		NH ₃	16.40	7.35
IMCON 3	Tank Farm Area and Process Rack Area Fugitives (6)	VOC	1.07	4.68
IMCON 4	Powder Charging Hopper (3rd floor)	PM ₁₀	1.20	0.07
IMCON 5	Storage Tank 210	VOC	0.02	0.01
IMCON 6	Storage Tank 400	VOC	0.10	0.01
IMCON 7	Storage Tank 243	VOC	0.01	0.01
IMCON 8	Powder Charging Hopper (1st floor)	PM ₁₀	0.11	0.01

- (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.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
PM₁₀ - particulate matter (PM) 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.
NH₃ - ammonia
- (4) Thermal oxidizer operating during normal production.
- (5) Planned thermal oxidizer downtime (drumming product and normal breathing losses from storage tanks).
- (6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

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

Dated August 18, 2006