

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56696

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 * (6)	
			lb/hr	TPY**
A100D	A-100 Fume Scrubber	CO	0.04	0.01
		NO _x	0.05	0.01
		PM ₁₀	0.20	1.20
		SO ₂	0.20	0.60
		SO ₃	0.06	0.11
		VOC (5)	1.0	1.6
		1,4-Dioxane	0.01	0.01
		Naphthalene	0.03	0.01
		Toluene	0.8	0.66
		Xylene	0.2	0.14
LOAD625	Sulfonation Loading Area	VOC (5)	2.6	0.04
		1,4-Dioxane	0.01	0.01
		Formaldehyde	0.02	0.01
		Methanol	0.02	0.01
		Naphthalene	0.12	0.01
		Toluene	0.13	0.01
		Xylene	0.03	0.01
FUGA100B	A-100, DB-50, DB-100, and DB-200 Fugitives (4)	VOC	0.54	2.40
FUGA100	A-100, DB-50, DB-100, and DB-200 Fugitives (4)	NH ₃	0.03	0.14
		VOC (5)	1.41	6.20
		Naphthalene	0.01	0.01
		Toluene	0.10	0.26
		Xylene	0.03	0.13

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- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
NH₃ - ammonia
NO_x - total oxides of nitrogen
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.

SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
VOC - volatile organic compounds defined in 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) For each EPN the VOC emission rates include any compounds which may appear below.
- (6) The emission rates on this table become effective on March 1, 2007.

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

Hrs/day 24 Days/week 7 Weeks/year 52.3 or Hrs/year _____

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

Dated August 30, 2005