

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22045

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 **
120FUG	Fugitives (4)	H ₂ S	0.16	0.69
		VOC	0.16	0.69
15	Acid Unit Flare (5)	NO _x	0.05	0.22
		CO	0.36	1.59
		H ₂ S	0.10	0.43
		SO ₂	9.14	40.04
		VOC	3.15	5.68

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 H₂S - hydrogen sulfide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Process emissions from the T-55 Process Area, authorized under Permit Number 21715, will be vented to Acid Unit Flare (EPN 15) in the event that both the Fume Incinerator (EPN FI-01), authorized under Permit Number 21715, and Emergency Flare (EPN FL-177), authorized under Permit Number 22059, are not operational. All emission events are not authorized by this permit. Records of emission events shall be kept in accordance with the recordkeeping and reporting requirements in 30 TAC § 101.201.

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

Dated August 12, 2005