

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83821

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 **
26UTLFLR	Utilities Flare (4) (MSS Emissions)	VOC	115.36	0.10
		NO _x	17.00	0.02
		CO	86.64	0.08
47MSSFUG	MSS Emissions	VOC	25.44	0.03
26UTLFLRTMP	Utilities Temporary Flare (5)	VOC	154.52	48.57
		NO _x	14.22	5.12
		CO	72.43	26.07
		SO ₂	0.24	0.09

- (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 an 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
- (4) Includes only maintenance, startup, and shutdown emissions from the activities authorized in the special conditions.
- (5) Use of temporary flare is limited to no more than 720 hours per year. Temporary flare shall not be used while Utilities Flare EPN 26UTLFLR authorized in Permit Number 52041 is in operation, with the exception of a brief period (not to exceed 2 hours) while vents are being switched from one flare to the other. Total annual emissions from the vinyl acetate unit controlled by the temporary flare authorized in this permit and the Utilities Flare must not exceed the annual emission rate for the Utilities Flare EPN 26UTLFLR in Permit Number 52041.

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

__Hrs/day __Days/week __Weeks/year or 8,760 Hrs/year

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

Dated October 26, 2010