

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18568

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**
AV-FLARE-17	Analyzer Vent	CO	0.01	0.01
			NO _x 0.01	0.01
			VOC 0.01	0.01
CA-1	Carbon Adsorption Unit	Benzene	1.65	0.59
			VOC (5)	7.49
			1.85	
			VOC (6)	7.49
F-17-FLARE	Cumene Unit Flare (Normal operation)	CO	1.15	2.01
			0.23	0.39
		NO _x	SO ₂ 0.01	0.01
			VOC 2.47	1.38
F-294PS	Cooling Tower	VOC Fugitives (4)	2.77	12.14
F-1746-CU	Cumene Unit Process	VOC	0.37	1.64
F-1741	Cyclohexane Unit Process	Freon	2.23	9.77
		Fugitives (4)	VOC 3.77	0.86
F-8841	HVRU Process Fugitives (4)	VOC	0.11	0.49

(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.

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable Special Conditions and permit application representations.

(5) Emissions prior to completion of the debottlenecking project under Special Condition No. 5.

(6) Emissions take effect upon completion of the debottlenecking project under Special Condition No. 5.

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

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with the emissions shall be based on a 12-month rolling average.

Dated December 7, 2005