

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9481

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**
116CT	Cooling Tower (4)	VOC	0.74	3.2
116F	Refrigeration Fugitives (4)	VOC	8.3	36.3
230F	Process Fugitives (4)	VOC	20.5	89.8
230T-F105A	Oil Tank	VOC	20.0	0.044
230T-F105B	Oil Tank	VOC	20.0	0.88
230T-F200	Catalyst Tank	VOC	<0.1	0.044
230T-F201	Catalyst Tank	VOC	<0.1	0.36
230T-F203	Catalyst Tank	VOC	17.8	0.52
230T-F204	Catalyst Tank	VOC	4.7	0.51
230T-F222	Catalyst Tank	VOC	4.3	0.20
230V-E405	Decanter	VOC	<0.1	0.019
230WF	Wastewater Fugitives (4)	VOC	0.55	2.4
236F	840 Unit Finishing Process	VOC	156.0	332.8
280F	Process Fugitives (4)	VOC	11.8	51.5
280FLQ504	Flare	VOC	5.2	5.3
		NO _x	0.35	0.36
		CO	2.5	2.6
280T-F201	Catalyst Tank	VOC	15.9	0.26

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280T-F205	Storage Tank	VOC	58.7	0.069
280T-F207	Catalyst Tank	VOC	2.9	0.46
280T-F215	Catalyst Tank	VOC	<0.1	0.75
280V-E405	Decanter	VOC	0.13	0.031
280V-M202	HF Scrubber	VOC	0.005	0.023
		HF	0.001	0.005
280WF	Wastewater Fugitives (4)	VOC	0.98	4.3
286F	880 Unit Finishing Process	VOC	188.1	550.0

(1) Emission point identification - either specific equipment designation or emission point number 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 Section 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

HF - hydrogen fluoride

(4) 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 8,760 Hrs/year

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

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			<u>lb/hr</u>	<u>TPY**</u>

Dated May 9, 2002