

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19959

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 * <u>Point No.</u> (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
252BH710	Baghouse	PM VOC	0.367 1.71	1.61 7.5
252BH725	Baghouse	PM VOC	0.16 0.34	0.70 1.5
252BH730	Baghouse	PM VOC	0.024 **	0.11 **
255BH881	Baghouse	PM VOC	0.024 **	0.11 **
255BH841	Baghouse	PM VOC	0.024 **	0.11 **
255BH879	Baghouse	PM VOC	0.048 **	0.21 **
252VF876	Blower	VOC	**	**
256S141	Absorber	VOC	<0.01	0.02
256S241	Absorber	VOC	<0.01	0.02
256S150	Absorber	VOC	1.86	1.10
F252AV1	Analyzers (4)	VOC	0.31	1.37
F146FG1	Storage Fugitives (4)	VOC	0.40	1.75

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CONTAMINANTS DATA			AIR	
Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
F036LRPE	Loading Rack (4)	VOC	0.03	0.13
F252FG1	Process Fugitives (4)	VOC	13.75	60.21
F045CT5	Cooling Tower (4), (5) 8.50	VOC		1.94
F256FG1	Wastewater (4)	VOC		5.58
085FL1	Process Flare	NO <sub>x</sub>	3.66	13.90
		PM	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		CO	7.30	27.8
		VOC	9.46	36.0
146FL2	Emergency Flare	<b>FOR EMERGENCY USE ONLY</b>		

(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 General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as maximum allowable emission rates.

(5) The cooling tower maximum allowable emission rate includes emissions from the Texas Eastman Company's ethylene oxide/ethylene glycol plant operating under TNRCC Permit No. 1329.

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\* 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

\*\* The combined maximum allowable emission rates for EPNs 252BH730, 255BH881, 255BH841, 255BH879, and 252VF876 are 1.37 pounds per hour and six tons per year of VOC.

Dated \_\_\_\_\_