

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34401

## INITIAL ALLOWABLES

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
	TPY**			

THE EMISSIONS SHOWN IN THIS TABLE REPRESENT THE PERMIT ALLOWABLES AFTER THE MODIFICATION OF LINE 1 IS COMPLETE AND BEFORE THE START OF OPERATION OF LINE 2

1	Additives Preparation Bagfilter 0.0071	PM		0.038
3a	Regenerative Thermal Oxidizer 3.856	VOC		1.435
		NO <sub>x</sub>	0.104	0.454
		CO	0.174	0.763
		PM <sub>10</sub>	0.950	2.83
4	Crumb Dryer-2	VOC	0.09	0.254
		PM	0.11	0.43
		PM <sub>10</sub>	0.11	0.42
5	Process Fugitives (4)	VOC	0.626	2.74
6	Flare	VOC	18.59	6.52
		NO <sub>x</sub>	0.84	0.352
		CO	7.203	3.03
		SO <sub>2</sub>	0.0007	0.002
9	Cyclohexane Bottoms Loading 0.007	VOC		1.21

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## INITIAL ALLOWABLES

## AIR CONTAMINANTS DATA

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>

## ROUTINE MAINTENANCE, START-UP, AND SHUTDOWN EMISSIONS

6a	Flare	VOC	7.842	0.0097
		NO <sub>x</sub>	0.505	0.0006
		CO	4.34	0.005
FUG-MAINT	Maintenance Fugitives	cyclohexane	2.5	0.06
		styrene	0.9	0.002

## SOURCES COVERED UNDER PERMITS BY RULE

The following sources are covered under Permits by Rule and are not authorized under this permit. They are listed on this table for reference only.

11	Fire Water Pump	VOC	0.741	0.017
		NO <sub>x</sub>	9.3	0.24
		CO	2.0	0.0052
		SO <sub>2</sub>	0.6	0.016
		PM <sub>10</sub>	0.663	0.017
12	Parts Washer	VOC	0.11	0.006

(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 § 101.1

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

CO - carbon monoxide

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

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

INITIAL ALLOWABLES

AIR CONTAMINANTS DATA

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>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.  
Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

(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.

Dated June 9, 2004