

# EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Flexible Permit No. 583A

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**
39	Activator Burner	VOC	0.018	0.036
		NO <sub>x</sub>	0.899	1.80
		SO <sub>2</sub>	0.004	0.008
		PM	0.006	0.01
		CO	0.225	0.45
50	Fugitives (4)	VOC	3.34	14.62
78	Dry-Flo Loading Bin	PM	0.255	0.074
79	Catalyst Fines Filter	PM	0.004	0.001
80	Catalyst Fines Filter	PM	0.004	0.001
81	Catalyst Mud Tank Filter	PM	0.0024	0.001
82	Catalyst Mud Tank Filter	PM	0.0024	0.001
83	Dry-Flo Vent Separator	PM	<0.01	<0.01
84	Dry-Flo Vent Separator	PM	<0.01	<0.01
89-94, 112-113	Storage Bin Filters	VOC	0.37	1.62
		PM	0.04	0.18
116, 117, 118	Receiver Dust Collector and Baghouse	VOC	0.029	0.13
		PM	0.005	0.02

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LIMITATIONS**

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr
INCIN-1	Process Incinerator	VOC	0.64
		NO <sub>x</sub>	0.59
		PM	<0.01
		CO	0.90
4	Cooling Tower	VOC	0.20

**COOLING TOWER(EPN 4) and PROCESS INCINERATOR (EPN INCIN 1) EMISSION CAPS - BY  
CONTAMINANT - TPY\*\***

VOC	1.71
NO <sub>x</sub>	1.71
PM	<0.01
CO	3.64

- (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 30 Texas Administrative Code Section 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 a maximum allowable emission rate.

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

8,760 Hrs/year

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

Dated October 22, 2001