

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48854

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**
124	Anhydrous Air Heater (5)	NO <sub>x</sub>	3.80	13.30
		CO	2.01	7.04
		SO <sub>2</sub>	0.02	0.07
		VOC	0.13	0.46
		PM <sub>10</sub>	0.18	0.63
126	Anhydrous Scrubber (5)	PM <sub>10</sub>	16.52	57.82
200	Anhydrous Bldg. Fugitives (4)	PM <sub>10</sub>	0.37	0.67
137	Penta Meta Plant No. 1 Scrubber	PM <sub>10</sub>	0.28	1.23
170	Evaporator No. 1	PM <sub>10</sub>	0.14	0.61
123	Evaporator No. 2	PM <sub>10</sub>	0.14	0.61
169	Evaporator No. 3	PM <sub>10</sub>	0.14	0.61
210a	Sand Unloading	PM	0.09	0.04
		PM <sub>10</sub>	0.04	0.02
210b	Soda Ash Unloading	PM	0.09	0.02
		PM <sub>10</sub>	0.04	0.01
101/102	Raw Material Silos	PM <sub>10</sub>	0.10	0.13
180	Raw Material Handling	PM <sub>10</sub>	0.17	0.74

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- (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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
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 PM greater than 10 microns is emitted.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Hours of operation limited to 7,000 hours per year.

- \* Unless otherwise indicated, 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 January 20, 2009