

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 33987

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>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
C001-STK	SCR Unit (Absorber)	NO <sub>x</sub>	20.0	61.0
		NH <sub>3</sub>	5.9	22.3
0C101-STK	Scrubber	HNO <sub>3</sub>	0.2	0.1
		NO <sub>x</sub>	0.1	0.5
NA-FUG	Process Fugitives (4)	NO <sub>x</sub>	0.2	0.9
		HNO <sub>3</sub>	0.4	1.6
		NH <sub>3</sub>	<0.1	0.3
		H <sub>2</sub> O <sub>2</sub>	0.05	0.2
WW-FUG	Wastewater Storage Tank	HNO <sub>3</sub>	<0.01	<0.01
		NH <sub>3</sub>	0.04	0.2
		NaOH	<0.1	<0.1
DRUM-FUG	Drum Filling	NH <sub>3</sub>	0.4	<0.1
		Lube Oil (VOC)	<0.01	<0.01
RV-STK	Ammonia Relief Valve Stack	<b>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) NO<sub>x</sub> - total oxides of nitrogen  
 NH<sub>3</sub> - ammonia  
 HNO<sub>3</sub> - nitric acid  
 H<sub>2</sub>O<sub>2</sub> - hydrogen peroxide

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NaOH - sodium hydroxide

VOC - volatile organic compounds as defined in Title 30 Texas  
Administrative Code § 101.01

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- (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

Dated December 15, 2006