

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 85872 and PSDTX1158

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)	Emission Rates*	
			lb/hr	TPY**
Calendar Year 2009				
SKIDBLR	Skid Boiler (after installation of SCR)	NO <sub>x</sub>	5.47	18.74 (5)
		NO <sub>x</sub> (6)	36.46	-
		CO	22.98	88.74 (5)
		CO (6)	269.11	-
		PM <sub>10</sub>	2.72	7.99
		VOC	1.97	5.78
		SO <sub>2</sub>	12.57	13.86
		NH <sub>3</sub>	2.80	8.22
81B17	Boiler 2.4 (Calendar Year 2009)	NO <sub>x</sub>	53.24	77.00
		CO	23.12	33.43
		PM <sub>10</sub>	3.44	4.98
		VOC	2.49	3.61
		SO <sub>2</sub>	14.43	7.83
FUG	Skid Boiler Fugitives (4)	VOC	0.21	0.92
		NH <sub>3</sub>	0.06	0.25
Post Calendar Year 2009				
SKIDBLR	Skid Boiler (2010 +)	NO <sub>x</sub>	5.47	25.07 (5)
		NO <sub>x</sub> (6)	36.46	-
		CO	22.98	109.53 (5)
		CO (6)	269.11	-
		PM <sub>10</sub>	2.72	11.90
		VOC	1.97	8.61
		SO <sub>2</sub>	12.57	20.65
		NH <sub>3</sub>	2.80	12.26

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81B17	Boiler 2.4 (2010 +)	NO <sub>x</sub>	53.24	57.00
		CO	23.12	24.75
		PM <sub>10</sub>	3.44	3.69
		VOC	2.49	2.67
		SO <sub>2</sub>	14.43	5.79
FUG	Skid Boiler Fugitives (4) (2010 +)	VOC	0.21	0.92
		NH <sub>3</sub>	0.06	0.25

- (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) CO - carbon monoxide  
 NH<sub>3</sub> - ammonia  
 NO<sub>x</sub> - total oxides of nitrogen  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Includes emissions from start-up and shutdown.
- (6) Hourly emissions for start-up and shutdown.

\* 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.

Date December 11, 2009