

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20123

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**
HF02	189 MMBtu/hr Boiler	NO <sub>x</sub>	11.90	52.20
		CO	7.56	33.10
		VOC	1.02	4.46
		PM <sub>10</sub>	1.41	6.16
		SO <sub>2</sub>	0.11	0.49
HF03	189 MMBtu/hr Boiler	NO <sub>x</sub>	11.90	52.20
		CO	7.56	33.10
		VOC	1.02	4.46
		PM <sub>10</sub>	1.41	6.16
		SO <sub>2</sub>	0.11	0.49
RA22/RF60	Flare RA22 / FlareRF60 (5)	VOC	0.20	0.88
		NO <sub>x</sub>	0.30	1.31
		CO	0.41	1.81
		NH <sub>3</sub>	0.50	2.19
		IOC-U	0.20	0.88
RA41	Product And Waste Drumming	VOC	2.34	0.21
		IOC-U	2.34	0.21
PDAFUG	PDA Fugitives	VOC	0.92	1.77
		NH <sub>3</sub>	0.01	0.03
		IOC-U	0.92	1.77

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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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter (PM) 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.  
CO - carbon monoxide  
NH<sub>3</sub> - ammonia  
IOC-U - inorganic compounds unspciated
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) The listed emission rates are solely from the PDA facilities. Additional emissions from the flares are authorized under other permits at the site.

\* 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 August 2, 2010