

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1303

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**
PE-20	No. 1 Vent Stack (5) Normal Operation only	NH ₃	4.25	18.67
		VOC	0.67	2.91
PE-20	No. 1 Vent Stack (5) Maintenance 48 hours only	NH ₃	111.68	2.68
		VOC	19.48	0.47
PE-21	Low-Pressure Absorber (5) Normal Operation only	NH ₃	5.10	22.34
		VOC	0.70	3.07
PE-21	Low-Pressure Absorber (5) Maintenance 48 hours only	NH ₃	129.73	3.11
		VOC	29.67	0.71
PE-39	Tank Absorber	NH ₃	0.15	0.65
		VOC	0.01	0.01
PE-40	Loading Absorber	NH ₃	0.27	1.17
		VOC	0.01	0.05
PE-41	COU Absorber	NH ₃	0.07	0.33
		VOC	0.13	0.56
PE-43	ADN Storage Tank	VOC	0.01	0.01
PE-44	ADN Storage Tank	VOC	0.01	0.0
PE-45	ADN Storage Tank	VOC	0.01	0.01
PE-46	ADN Storage Tank	VOC	0.01	0.01

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PE-51	B258 Fugitives (4)	NH ₃	2.33	9.59
		VOC	0.05	0.18
PE-52	B261 Fugitives (4)	NH ₃	0.01	0.02
		VOC	0.06	0.27
PE-53	B517 Fugitives (4)	NH ₃	0.01	0.04
		VOC	0.09	0.39
PE-54	B317 Fugitives (4)	VOC	0.01	0.01
PE-55	B233 Fugitives (4)	NH ₃	0.01	0.01
		VOC	0.01	0.01
PE-61	ADN Storage Tank	NH ₃	0.02	0.01
		VOC	0.01	0.01
PE-62	Oil Storage Tank	VOC	0.01	0.01
PE-65	Solvent Degreaser	VOC	0.06	0.03
PE-66	Iron Ore Catalyst	PM	0.01	0.03
PE-67	Secondary Flash Tank Analyzer Vent	VOC	0.01	0.01
PE-68	"D" Column Make Analyzer Vent	VOC	0.01	0.01
PE-70	Wastewater Fugitives (4)	VOC	0.35	1.54
HMD-MSS	HMD Area MSS Activities (6)	VOC	3.07	0.21
		NH ₃	5.71	0.01
LPSTACK-MSS	LPSTACK MSS Emissions (6)	VOC	1.36	0.11
		NH ₃	3.27	0.26

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**

- (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) NH₃ - ammonia
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - 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) Emissions from these EPNs are only from these permitted facilities
- (6) MSS sources and activities are detailed in Attachments A, B and C.

* 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 June 22, 2011

