

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 91276

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	
<u>TPY**</u>				
F-1889A2	Bag Filter A	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
F-2889A2	Bag Filter B	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
T-1800	Scrubber	VOC	0.14	0.61
F-1899	Bag Filter A	PM/PM ₁₀ /PM _{2.5}	0.30	1.00
F-2899	Bag Filter B	PM/PM ₁₀ /PM _{2.5}	0.30	1.00
T-1845	Scrubber A	VOC	0.19	0.85
K-1888	Blower A	PM/PM ₁₀ /PM _{2.5}	0.05	0.20
K-2888	Blower B	PM/PM ₁₀ /PM _{2.5}	0.05	0.20
F-1808	Bag Filter A	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
F-2808	Bag Filter C	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
F-1898	Bag Filter A	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
F-2898	Bag Filter B	PM/PM ₁₀ /PM _{2.5}	0.02	0.09
F-1817	Bag Filter	PM/PM ₁₀ /PM _{2.5}	0.01	0.01
V-1845	1,4 Butanediol Storage Tank	VOC	0.01	0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY**</u>				
V-1855	Propylene Glycol Storage Tank	VOC	0.04	0.01
FUG-SAP	Equipment Leak Fugitives (4)	VOC	0.49	2.10
MSS-SAP	MSS Fugitive Emissions	VOC	1.00	0.02
CT-SAT	SAP Cooling Tower	PM/PM ₁₀ /PM _{2.5}	0.06	0.26

- (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) 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.
 PM_{2.5} - particulate matter equal to or less than 2.5microns in diameter
 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.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 8, 2010