

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2113

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
210	Flare (7)	CO	1.53	2.11
		NOx	0.66	2.67
		VOC	0.09	0.42
219	Byproducts Tank Scrubber Vent	VOC	0.17	0.01
221	A Check Tank Scrubber Vent	VOC	0.01	0.04
224	B/C Check Tank Scrubber Vent	VOC	0.05	0.03
226	West Product Tank Scrubber Vent	VOC	0.01	0.03
230	Tank Car Loading Scrubber Vent (5)	VOC	0.05	0.01
232	Rail Car Loading Scrubber Vent (6)	VOC	0.05	0.02
237	East Product Tank Scrubber Vent	VOC	0.01	0.03
SCRUB	Tank Vent Scrubber Maintenance	VOC	0.62	0.01
DEGAS	Equipment Degassing (Planned Maintenance)	VOC	0.24	<0.01
FRAC	TDA Unit Open Wastewater Collection, including Temporary Frac Tank and Vacuum Trucks for Planned Maintenance Wastewater	VOC	<0.01	<0.01
INS	Low Emitting Planned Maintenance Activities	VOC	0.04	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Based on 2,819 MTDA and 372 OTDA Tank Trucks per year.
- (6) Based on 1,866 MTDA and 89 OTDA Railcars per year.
- (7) Includes emissions from planned Maintenance, Startup and Shutdown of the process equipment.

Date: _____