

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 4449

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)
251DTL	Large Tank Truck Loading Losses	VOC	15.00	-
251DTL2	Small Tank Truck Loading Losses	VOC	11.07	-
251DTC	Railcar Loading Losses	VOC	32.36	-
251DBL	Barge Loading Losses	VOC	12.23	-
Combined Annual Loading Loss Emissions		VOC	-	10.71
251F	Shipping Equipment Fugitives (5)	VOC	1.37	6.00
251DM1205	Shipping Unit Flare	VOC	171.90	52.28
		NO <sub>x</sub>	9.39	7.67
		SO <sub>2</sub>	0.72	1.25
		CO	80.50	65.80
251DM2224	Barge Loading Thermal Oxidizer	VOC	1.17	0.27
		NO <sub>x</sub>	6.14	2.13
		SO <sub>2</sub>	0.72	0.28
		CO	4.91	1.70
		PM	0.36	0.14
		PM <sub>10</sub>	0.36	0.14
		PM <sub>2.5</sub>	0.36	0.14
251M2564	Scrubber (6)	VOC	2.34	0.85
251V1306	Storage Tank V-1306	VOC	0.26	0.07

(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) 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

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- CO - carbon monoxide
  - PM - total 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, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emissions resulting from controlled railcar depressuring.

Date: August 16, 2019