

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 89872

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)
EP-1	Truck/Railcar Loadout Racks	VOC (5)	0.06	0.25
EP-2	Piping Components	VOC (5)	0.67	2.92
EP-3	SRS Process System	VOC (5)	0.22	0.95
EP-4	Greenline Process System	VOC (5)	0.03	0.09
EP-10	Cooling Tower	VOC (5)	0.42	1.83
		PM	0.03	0.13
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	0.01	0.04
EP-11	Oil Heater	VOC	0.08	0.03
		PM	0.11	0.04
		PM <sub>10</sub>	0.11	0.04
		PM <sub>2.5</sub>	0.11	0.04
		SO <sub>2</sub>	<0.01	0.01
		NO <sub>x</sub>	1.43	0.52
		CO	1.20	0.43
EP-13	Vent Condenser	VOC (6)	10.06	0.30
EP-14	Vent Condenser 2	VOC (7)	2.44	1.05
EP-15	Oil Heater 2	VOC	0.08	0.35
		PM	0.11	0.48
		PM <sub>10</sub>	0.11	0.48
		PM <sub>2.5</sub>	0.11	0.48
		SO <sub>2</sub>	<0.01	0.04
		NO <sub>x</sub>	1.45	6.32

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		CO	1.22	5.31
EP-16	Water Heater	VOC	<0.01	0.04
		PM	0.02	0.06
		PM <sub>10</sub>	0.02	0.06
		PM <sub>2.5</sub>	0.02	0.06
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.17	0.72
		CO	0.14	0.61

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - 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 - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
- (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) The storage tanks TK-1400, TK-1402, TK-1500, and T-9910 shall be routed to Vent Condenser 1 (EP-13)
- (7) The storage tanks TK-1201, TK-1403, TK-1450, TK-2451, TK-3103, TK-4152, TK-5106 shall be routed to Vent Condenser 2 (EP-14).

Date: October 07, 2020