

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 167413

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)
BOILER-1	Boiler No. 1	NO <sub>x</sub>	1.16	5.07
		CO	1.02	4.46
		VOC	0.17	0.76
		SO <sub>2</sub>	0.02	0.08
		PM	0.24	1.06
		PM <sub>10</sub>	0.24	1.06
		PM <sub>2.5</sub>	0.24	1.06
BOILER-2	Boiler No. 2	NO <sub>x</sub>	0.58	2.53
		CO	0.51	2.23
		VOC	0.09	0.38
		SO <sub>2</sub>	0.01	0.04
		PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.12	0.53
GEN-1	Emergency Generator No. 1	NO <sub>x</sub>	0.97	0.05
		CO	0.65	0.03
		VOC	0.20	0.01
		SO <sub>2</sub>	0.01	0.01
		PM	0.05	0.01
		PM <sub>10</sub>	0.05	0.01
		PM <sub>2.5</sub>	0.05	0.01
FUG-E	Piping Fugitives-East Terminal Area (5)	VOC	0.63	2.77
FUG-W	Piping Fugitives-West Terminal Area (5)	VOC	0.63	2.74
FUG-DOCK	Piping Fugitives-Dock	VOC	0.07	0.29

Emission Sources - Maximum Allowable Emission Rates

	Areas (5)			
2202	Fixed Roof Tank	VOC	0.06	0.01
2204	Fixed Roof Tank	VOC	0.08	0.01
2205	Fixed Roof Tank	VOC	0.08	0.01
2206	Fixed Roof Tank	VOC	4.69	0.40
2207	Fixed Roof Tank	VOC	1.85	0.14
2208	Fixed Roof Tank	VOC	0.08	0.01
2209	Fixed Roof Tank	VOC	0.06	0.01
2210	Fixed Roof Tank	VOC	0.06	0.01
2211	Fixed Roof Tank	VOC	0.06	0.01
2212	Fixed Roof Tank	VOC	0.17	0.01
2213	Fixed Roof Tank	VOC	0.17	0.01
2215	Fixed Roof Tank	VOC	1.42	0.07
2216	Fixed Roof Tank	VOC	1.42	0.07
2217	Fixed Roof Tank	VOC	0.22	0.01
2218	Fixed Roof Tank	VOC	0.22	0.01
2219	Fixed Roof Tank	VOC	1.48	0.01
2220	Fixed Roof Tank	VOC	0.05	0.01
2221	Fixed Roof Tank	VOC	0.05	0.01
2222	Fixed Roof Tank	VOC	2.81	0.05
2223	Fixed Roof Tank	VOC	0.03	0.01
2224	Fixed Roof Tank	VOC	0.05	0.01
2225	Fixed Roof Tank	VOC	0.05	0.01
2226	Fixed Roof Tank	VOC	0.05	0.01
2227	Fixed Roof Tank	VOC	0.06	0.01
2228	Fixed Roof Tank	VOC	2.81	0.05
2229	Fixed Roof Tank	VOC	0.03	0.01
2230	Fixed Roof Tank	VOC	0.06	0.01
2231	Fixed Roof Tank	VOC	0.03	0.01

Emission Sources - Maximum Allowable Emission Rates

2232	Fixed Roof Tank	VOC	0.03	0.02
2233	Fixed Roof Tank	VOC	4.69	0.47
2236	Fixed Roof Tank	VOC	1.85	0.02
2237	Fixed Roof Tank	VOC	0.06	0.01
2238	Fixed Roof Tank	VOC	1.85	0.02
2239	Fixed Roof Tank	VOC	0.06	0.01
2240	Fixed Roof Tank	VOC	0.06	0.01
2241	Fixed Roof Tank	VOC	0.06	0.01
2242	Fixed Roof Tank	VOC	0.23	0.01
2243	Fixed Roof Tank	VOC	0.23	0.01
2244	Fixed Roof Tank	VOC	0.06	0.01
2245	Fixed Roof Tank	VOC	1.97	0.03
2246	Fixed Roof Tank	VOC	1.97	0.02
2247	Fixed Roof Tank	VOC	1.97	0.03
2248	Fixed Roof Tank	VOC	0.23	0.01
2249	Fixed Roof Tank	VOC	0.06	0.01
2250	Fixed Roof Tank	VOC	1.97	0.08
2251	Fixed Roof Tank	VOC	0.06	0.01
2252	Fixed Roof Tank	VOC	0.06	0.01
2253	Fixed Roof Tank	VOC	0.06	0.01
2254	Fixed Roof Tank	VOC	0.06	0.01
2255	Fixed Roof Tank	VOC	1.97	0.08
2256	Fixed Roof Tank	VOC	0.06	0.01
2257	Fixed Roof Tank	VOC	0.06	0.01
2258	Fixed Roof Tank	VOC	0.06	0.01
2259	Fixed Roof Tank	VOC	0.06	0.01
2260	Fixed Roof Tank	VOC	0.23	0.01
2261	Fixed Roof Tank	VOC	0.23	0.01
2262	Fixed Roof Tank	VOC	0.06	0.01

Emission Sources - Maximum Allowable Emission Rates

2263	Fixed Roof Tank	VOC	0.06	0.01
BARGE-1	Barge Loading	VOC	1.88	0.09
FLEX-1	Flex Bag Loading	VOC	0.26	0.02
ISO-1	ISO Container Loading	VOC	0.26	0.01
RAIL-1	Railcar Loading	VOC	0.51	0.09
SHIP-1	Ship Loading	VOC	0.47	0.04
TOTE-1	Tote Loading	VOC	0.02	0.01
TRUCK-1	Truck Loading	VOC	0.51	0.39
MSS-ATM	Atmospheric MSS	VOC	6.81	0.05

(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
- 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.

Date: March 8, 2023