

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9379A

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)
6500	5,000 Bbl VFR Storage Tank	VOC	0.08	0.27
6501	15,000 Bbl VFR Storage Tank	VOC	0.24	0.79
6502	11,000 Bbl VFR Storage Tank	VOC	0.18	0.59
6503	700 Bbl VFR Storage Tank	VOC	0.01	0.04
6504	700 Bbl VFR Storage Tank	VOC	<0.01	0.03
6505	595 Bbl H Storage Tank	VOC	<0.01	0.03
6506	595 Bbl H Storage Tank	VOC	<0.01	0.03
6507	595 Bbl H Storage Tank	VOC	<0.01	0.03
6508	595 Bbl H Storage Tank	VOC	<0.01	0.03
6510	11,000 Bbl VFR Storage Tank	VOC	0.18	0.59
6511	11,000 Bbl VFR Storage Tank	VOC	0.18	0.59
6515	11,000 Bbl VFR Storage Tank	VOC	0.18	0.59
6516	11,000 Bbl VFR Storage Tank	VOC	0.18	0.59
6520	20,000 Bbl VFR Storage Tank	VOC	0.32	1.05
6521	20,000 Bbl VFR Storage Tank	VOC	0.32	1.06
6551	5,000 Bbl VFR Storage Tank	VOC	0.08	0.25
6570	7,000 Bbl VFR Storage Tank	VOC	0.11	0.36
LR	Loading Rack/Direct Transfer Operations	VOC	0.88	3.88
TRANSLOAD	Rail Car to Tank Truck Transloading	VOC	0.67	0.10
SR-27	Rail Siding Loading Rack	VOC	0.59	2.13
FUG	Fugitives (5)	VOC	0.06	0.24
BRG	Barge Loading	VOC	1.30	0.41
MSS-D	Degas Emissions	VOC	7.14	1.27
MSS-FUG	MSS Fugitives	VOC	0.02	<0.01

Emission Sources - Maximum Allowable Emission Rates

(1)		Contaminant Name (3)	lbs/hour	TPY (4)
		NO _x	0.82	3.58
		PM	0.06	0.27
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.06	0.27
		SO ₂	<0.01	0.02
		VOC	0.05	0.20
B-2	Boiler No. 2 (Cleaver-Brooks, 4.17 MMBtu)	CO	0.34	1.50
		NO _x	0.41	1.79
		PM	0.03	0.14
		PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
		SO ₂	<0.01	0.01
		VOC	0.02	0.10

- (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_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
VFR - Vertical Fixed Roof
H - Horizontal
(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: July 20, 2021