

Emission Sources - Maximum Allowable Emission Rates

Permit Number 8680

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)
T-100-1	T-100-1	VOC	27.97	3.28
T-100-2	T-100-2	VOC	20.11	3.29
T-100-3	T-100-3	VOC	27.97	3.28
T-100-4	T-100-4	VOC	27.97	3.28
T-100-5	T-100-5	VOC	23.60	3.21
T-55-6	T-55-6	VOC	13.99	1.75
T-55-7	T-55-7	VOC	13.99	1.75
T-25-11	T-25-11	VOC	6.99	0.81
T-25-12	T-25-12	VOC	6.99	0.81
T-15-22	T-15-22	VOC	4.37	0.49
T-27-29	T-27-29	VOC	6.99	0.85
T-27-30	T-27-30	VOC	6.99	0.85
T-106-31	T-106-31	VOC	18.36	3.38
T-106-32	T-106-32	VOC	16.96	3.37
T-54-33	T-54-33	VOC	13.99	1.71
T-54-34	T-54-34	VOC	13.99	1.71
T-215-28	T-215-28	VOC	24.30	7.09
T-106-26	T-106-26	VOC	21.85	3.37
T-106-27	T-106-27	VOC	10.59	3.38
T-10-25	T-10-25	VOC	2.80	0.20
T-50-23	T-50-23	VOC	13.99	1.00
Project Number: 322390 T-50-24	T-50-24	VOC	13.99	1.00

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T-5-8	T-5-8	VOC	0.35	0.01
T-5-14	T-5-14	VOC	0.35	0.01
T-5-15	T-5-15	VOC	0.35	0.02
Tank Cap	Tank Cap	VOC	--	18.40
H100	100 HP Boiler (4.18 MMBtu/hr) (Natural gas)	VOC	0.02	0.10
		NO _x	0.41	1.80
		SO ₂	< 0.01	0.01
		PM	0.03	0.14
		PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
		CO	0.35	1.51
H200	200 HP Boiler (8.37 MMBtu/hr) (Natural gas & No. 4 fuel oil)	VOC	0.01	0.05
		NO _x	1.10	9.99
		SO ₂	4.20	9.99
		PM	0.56	1.82
		PM ₁₀	0.56	1.82
		PM _{2.5}	0.56	1.82
		CO	0.30	1.31
H600	600 HP Boiler (25.2 MMBtu/hr) (Natural gas)	VOC	0.14	0.59
		NO _x	0.91	3.97
		SO ₂	0.01	0.06
		PM	0.19	0.82
		PM ₁₀	0.19	0.82
		PM _{2.5}	0.19	0.82
		CO	2.06	9.04
V-1	Truck Loading	VOC	0.75	9.94
Project Number: 322390 BG Dock	Barge Loading	VOC	5.24	8.29
Ship Dock	Ship Loading	VOC	5.68	3.32

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V-3	Water Treatment	VOC	0.06	0.26
F-1	Fugitives (5)	VOC	0.22	0.94
FUG	Fugitives-Boiler (5)	VOC	< 0.01	< 0.01
Sitewide HAPs (6)		Single HAP	--	< 10.00
		Total HAPs	--	< 25.00

- (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
 - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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 sitewide allowable emissions of HAPs will be less than 10 tons per year (tpy) for any single HAP and less than 25 tpy for all HAPs. Compliance with these allowables is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

Date: September 8, 2021