

Emission Sources - Maximum Allowable Emission Rates

Permit Number 7431A

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-62	Gasoline/Diesel Tank 62	VOC	2.77	2.50
T-144	Gasoline/Diesel Tank 144	VOC	2.28	1.97
T-153	Gasoline/Diesel Tank 153	VOC	6.07	5.67
GRPFLOAT	Annual Cap of Internal Floating Roof Tanks 62, 144, and 153	VOC		10.14
T-155	Ethanol Tank 155	VOC	0.29	0.25
T-141	Diesel Tank 141	VOC	2.08	0.29
T-142	Diesel Tank 142	VOC	2.08	0.28
T-143	Diesel Tank 143	VOC	2.08	0.49
T-161	Diesel Tank 161	VOC	1.76	0.29
GRPFIXED	Annual Cap of Fixed Roof Tanks 141, 142, 143, and 161	VOC		1.35
T-368-110	Additives Tank 368-110	VOC	1.82	0.01
T-368-130	Additives Tank 368-130	VOC	0.34	0.01
T-368-133	Additives Tank 368-133	VOC	0.09	0.01
T-368-140	Additives Tank 368-140	VOC	0.34	0.01
T-368-160	Additives Tank 368-160	VOC	7.37	0.08
T-368-163	Additives Tank 368-163	VOC	0.45	0.01
T-62-LANDING	Routine Tank Landing	VOC	322.78	1.10

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T-144-LANDING	Routine Tank Landing	VOC	194.40	0.41
T-153-LANDING	Routine Tank Landing	VOC	322.78	1.93
VCU	Vapor Combustor Unit	VOC	9.73	5.42
		CO	22.05	6.11
		NO _x	5.54	1.54
		SO ₂	0.01	0.01
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
ETHPURG	Ethanol Pump Purging	VOC	0.35	0.11
ETHFUG	Ethanol Process Fugitives (5)	VOC	0.18	0.78
FUG	Process Fugitives (5)	VOC	0.10	0.44
SITEWIDE	Sitewide Sources	Individual HAP Total HAPs		< 10.00 < 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

CO - carbon monoxide

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

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.

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