

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18775

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)
Degreaser	Degreaser	VOC	0.69	0.35
E-1	West Fire Pump	VOC	0.43	0.1
		NO _x	5.43	0.14
		CO	1.17	0.03
		SO ₂	0.36	0.01
		PM ₁₀	0.39	0.01
E-2	East Fire Pump	VOC	0.43	0.01
		NO _x	5.43	0.14
		CO	1.17	0.03
		SO ₂	0.36	0.01
		PM ₁₀	0.39	0.01
E-3	Emergency Generator	VOC	1.11	0.03
		NO _x	13.95	0.36
		CO	3.01	0.08
		SO ₂	0.92	0.02
		PM ₁₀	0.99	0.03
F-1	Flare	VOC	31.48	10.06
		NO _x	2.34	4.96
		CO	20.04	40.82
		SO ₂	5.46	0.15
F-1	Flare MSS	VOC	0.37	0.68
		SO ₂	0.01	0.01
S-1	Scrubber	VOC	<0.01	<0.01
FUG-1	Fugitives (5)	VOC	1.21	5.32
MSSFUG	Fugitives from MSS (5)	VOC	7.64	0.69
L-1	Truck/Rail Loading	VOC	6.54	0.55

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	(6)			
L-2	Container Loading (6)	VOC	11.18	0.67
L-3	Truck Loading	VOC	<0.01	<0.01
TK-133	Diesel Tank	VOC	0.06	0.01
TK-134	Diesel Tank	VOC	0.06	0.01
TK-135	Diesel Tank	VOC	0.06	0.01
TK-603A	Diesel Tank	VOC	0.06	0.01
TK-141	Caustic Tank	PM ₁₀	0.01	0.01
TK-603B	Diesel Tank	VOC	0.06	0.01
TK-211	Effluent Surge Tank	VOC	0.05	0.05
TK-305	Butyl Phenol Tank	VOC	0.62	0.10
TK-401	Tank	H ₂ SO ₄	0.01	0.01
TK-722	Stormwater Tank	VOC	0.01	0.01
WW-1	Wastewater Treatment	VOC	0.37	1.07
WW-2	Wastewater Collection System	VOC	1.02	2.99
CT-201	Cooling Tower	VOC	0.21	0.74
		PM	0.62	2.19
MSSVT	Vacuum Truck MSS	VOC	4.87	0.23
MSSABB	Abrasive Blasting MSS	PM	0.01	0.01

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- (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
CO - carbon monoxide
H₂SO₄ - sulfuric acid
- (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 Truck/Rail Loading (EPN L-1) and the Container Loading (EPN L-2) operations shall not occur simultaneously.

Date: July 14, 2015