

Emission Sources - Maximum Allowable Emission Rates

Permit Number 49044

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)
V1 and V2 (6)	Exterior Coating	VOC	95.00	25.00
		PM	0.10	0.02
		PM ₁₀	0.10	0.02
		PM _{2.5}	0.10	0.02
V3 (6)	Interior Coating	VOC	45.00	8.00
		PM	0.06	0.02
		PM ₁₀	0.06	0.02
		PM _{2.5}	0.06	0.02
V5 through V12 (6)	New Interior Coating	VOC	73.48	25.00
		PM	0.06	0.01
		PM ₁₀	0.06	0.01
		PM _{2.5}	0.06	0.01
BLAST1	Enclosed Blast Unit 1	PM	1.46	5.45
		PM ₁₀	0.17	0.65
		PM _{2.5}	0.17	0.65
BLAST2	Enclosed Blast Unit 2	PM	0.07	0.30
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
FLAREONE	Flare	VOC	79.44	30.03
		CO	10.13	33.25
		NO _x	4.38	13.89

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		SO ₂	0.10	0.25
		Ammonia	1.52	0.30
		Acetone	6.97	2.09
SWEEP FUG	Railcar Sweeping Fugitives	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
CLEANRACK and CLEANRACK 2	Degassing/Cleaning Racks 1 and 2	VOC	7.29	2.19
		Ammonia	0.23	0.07
		Acetone	6.83	2.05
BOILER 2	Boiler	VOC	0.05	0.20
		CO	0.69	3.02
		NO _x	0.82	3.59
		PM	0.06	0.27
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.06	0.27
		SO ₂	0.03	0.11
CL2VENT	Chlorine Vent	Cl ₂	0.01	0.02
SITEFUG	Fugitives (5)	VOC	0.03	0.17
		Ammonia	< 0.01	0.02
		Acetone	< 0.01	0.02
SITEWIDE	Various	Individual 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

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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
Cl₂ - chlorine

- (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) Surface coating operation startup and shutdown emissions are included in the allowable emission rate.

Date: May 9, 2017