

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 35148 and PSDTX879

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)
FV80051500	Steam Generator No. 5	VOC	1.13	4.95
		NO _x (5)	14.70	64.39
		SO ₂	2.95	12.92
		PM ₁₀	1.23	5.39
		CO	17.89	78.36
TSS-MSSATM /TSS- ABRBL	Abrasive Blasting	PM	5.90	5.07
		PM ₁₀	1.40	1.20
		PM _{2.5}	0.14	0.12
TSS-MSSATM /TSS- ASPHLT	Asphalt	Total VOC	2.00	0.10
TSS-MSSATM /TSS- INT	Instrument Clearing1	Total VOC	0.01	0.01
TSS-MSSATM /TSS- PAINT	Painting and Misc. VOC Usage	Total VOC	34.50	3.04
		Exempt Solvent	18.45	0.33
		Hydrochloric Acid	0.01	0.01
		PM	14.44	0.96
		PM ₁₀	14.44	0.41
		PM _{2.5}	1.44	0.04

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TSS-MSSATM /TSS-CHEMUSE	Chemical Usage	Total VOC	0.04	0.07
		Exempt Solvent	0.01	0.01
		Ammonia	0.01	0.01
		Hydrogen Chloride	0.01	0.01
TSS-MSSATM /TSS-CARBON	Carbon Canister Changeouts	PM	0.03	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
TSS-MSSATM /TSS-UNCONT	Uncontrolled Equipment Clearing	Methyl Ethyl Ketone Oxime	0.07	0.01
		Morpholine	1.17	0.01
		Cyclohexylamine	1.17	0.01
		Diphenylethane	0.04	0.01
		Ethylbenzene	0.03	0.01
		Ethoxylated Alcohol (as Ethoxylated Dodecanol)	0.01	0.01
		Esters (as Methyl Benzoate)	0.01	0.01
		Diesel	0.20	0.01
		Total VOC	2.41	0.01
		Hydrochloric Acid	0.28	0.01

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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(5) The NO_x emissions have been reviewed as nitrogen dioxide for prevention of significant deterioration.

Dated: May 15, 2013