

Emission Sources - Maximum Allowable Emission Rates

Permit Number 16885

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 (5)	
			lbs/hour	TPY (4)
E-1A	VARA SRS	VOC	51.00	49.40
E-2A	Fugitives Vented Through Floorsweep	VOC	18.00	16.00
E-4	Fugitives Vented Through South Ventilator	VOC	8.00	9.50
E-5	Fugitives Vented Through North Ventilator	VOC	8.00	9.50
E-6	10.46 MMBtu/hr Boiler	VOC	0.05	0.24
		NO _x	1.00	4.36
		CO	0.84	3.67
		SO ₂	0.01	0.03
		PM	0.08	0.33
		PM ₁₀	0.08	0.33
		PM _{2.5}	0.08	0.33
E-7	8.37 MMBtu/hr Boiler	VOC	0.04	0.19
		NO _x	0.80	3.49
		CO	0.67	2.93
		SO ₂	<0.01	0.02
		PM	0.06	0.27
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.06	0.27
E-9	Geinrich Oven	VOC	0.01	0.01

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E-11	Autoclave	VOC	0.27	0.03
E-13 and E-14	Rubber Presses	VOC	0.19	0.26
E-26	Young Oven	VOC	0.04	0.06
E-27	Young Oven	VOC	0.04	0.06
E-28 and E-47	Tube Rollers & CEP Tables	VOC	38.50	41.00
		PM	0.10	0.20
		PM ₁₀	0.10	0.20
		PM _{2.5}	0.10	0.20
E-33	Decanter Room	VOC	3.00	1.00
E-45 and E-45A	Bio-Rem Process Tanks	VOC	4.00	1.60
E-51	Gruenberg Oven	VOC	0.10	0.04
FUG-D	Duct Fugitives	VOC	9.30	11.30

- (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}
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 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) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: March 24, 2015