

Emission Sources - Maximum Allowable Emission Rates

Permit Number 24421

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 (8)	
			lbs/hour	TPY (4)
1	Main Boiler Stack (7)	PM	5.21	22.72
		PM ₁₀	3.18	13.91
		PM _{2.5}	1.88	8.24
		NO _x	0.53	1.61
		SO ₂	<0.08	0.32
		CO	6.28	27.41
		VOC	<0.15	<0.64
		Pb	<0.00015	<0.0014
		HCl	<0.0008	<0.00015
2	Waste Boiler Stack (7)	PM	1.65	7.18
		PM ₁₀	1.00	4.39
		PM _{2.5}	0.59	2.60
		NO _x	0.17	0.51
		SO ₂	<0.02	0.10
		CO	1.98	8.65
		VOC	<0.05	<0.20
		Pb	<0.00005	<0.0004
		HCl	0.0002	<0.00005
4	Central Baghouse Vent	PM	0.86	3.74
		PM ₁₀	0.86	3.74

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	0.26	1.13
5	Feeder Cyclone Exhaust Vent	PM	<0.12	0.51
		PM ₁₀	<0.03	0.10
		PM _{2.5}	<0.01	<0.04
FUG1	Truck and Bin Loading (5)	PM	<0.003	<0.002
		PM ₁₀	<0.003	<0.002
		PM _{2.5}	<0.001	<0.001
FUG2	Drum Filling (5)	VOC (6)	<0.003	<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) 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
- Pb - lead
- HCl - hydrogen chloride
- (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) Cedar oil vapor.
- (7) Emissions from the stack may exceed the quantity listed; however, the total emissions from both Boiler Stack Nos. 1 and 2 shall not exceed the sum of the quantities listed for Stack Nos. 1 and 2.
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: September 9, 2014