

Emission Sources - Maximum Allowable Emission Rates

Permit Number 578

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 (6)	
			lbs/hour	TPY (4)
1	Melt Kettle 2a Burner and Reactor 4a, 4b, and 4c Pre-heaters Flue Gas Stack	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		NO _x	0.36	0.42
		CO	0.29	0.34
		SO ₂	< 0.01	< 0.01
		VOC	< 0.01	< 0.01
2	Lead Oxide Reactor No. 1 Filter Stack	PbO	0.0017	0.0077
3	Transfer System Filter Stack	PbO	0.0002	0.0010
4	Drum Filling System Filter Stack	PbO	0.0001	0.0005
5	Lead Oxide Reactor No. 2 Filter Stack	PbO	0.0017	0.0077
7	Lead Oxide Reactor No. 3 Filter Stack	PbO	0.0017	0.0077
8	Central Vacuum System Filter Stack	PbO	0.0002	0.0008
9	Raw Material Hopper Bin Vent	PbO	0.0010	0.0046
10	Mill System Bin Vent	PbO	0.0010	0.0046
11	Bulk Loading Storage Hopper No. 1 Bin Vent	PbO	0.0010	0.0046
15	Bulk Loading Storage Hopper No. 2 Bin Vent	PbO	0.0010	0.0046

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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
 - 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
 - NO_x - total oxides of nitrogen
 - PbO - lead oxide
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: October 27, 2014