

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3048A

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)
OCS	Consolidated Stack for Oxide Sources FINs (Oxide Reactor No. 1, 2, 3, 4, 5, and 6 Baghouses; MELTPOT 1, 2, and 3 ; North Hammermill Baghouse: and Oxide Central Vacuum System Baghouse	PM/PM ₁₀	0.3489	1.4666
		Pb	0.0289	0.1266
27	West Truck Loading Fug (5)	Pb	0.001	<0.01
28	East Truck Loading Fug (5)	Pb	0.001	<0.01
46	Oxide Building Fugitives (5) Fins TROUGH1C and TROUGH2C	SO ₂	<0.01	<0.01
		NO _x	0.07	0.30
		CO	0.03	0.13
		VOC	<0.01	0.02
		PM/PM ₁₀	<0.01	0.02
56	Oxide Process Combustion Sources 1 Stack (Melt Pot 2, Reactor 2 and 4)	SO ₂	<0.01	0.01
		NO _x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		PM/PM ₁₀	0.03	0.13

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57	Oxide Process Combustion Sources 2 Stack (Melt Pot 1 and Reactor 1 and 2)	SO ₂	<0.01	0.01
		NO _x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		PM/PM ₁₀	0.03	0.13
58	Oxide Process Combustion Sources 3 Stack (Melt Pot 3 and Reactor 5 and 6)	SO ₂	<0.01	0.01
		NO _x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		PM/PM ₁₀	0.03	0.13

- (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 and lead compounds
- (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.

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