

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6269

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 (4)	TPY (5)
1	Unit 1 Boiler Stack	NO _x	1,543	5,745
		CO	11,144	33,816
		SO ₂	8,180	35,829
		VOC	18	65
		PM/PM ₁₀	682	2,987
		PM/PM ₁₀ /PM _{2.5} (MSS)	1,457	-
		H ₂ SO ₄	8.6	37.8
		HCl	9.15	36.05
		HF	10.77	42.45
		Hg (6)	0.340	1.488
2	Fly Ash Handling System (7)	PM/PM ₁₀	7.2	31.5
13	Cold Solvent Degreaser	VOC	0.96	0.7
MSS-FUG	MSS Fugitives	VOC	94.26	0.65
		PM/PM ₁₀ /PM _{2.5}	7.45	3.48
		NO _x	0.05	0.01
		CO	0.22	0.04
		SO ₂	<0.01	<0.01
		NH ₃	26.81	0.22

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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
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
H₂SO₄ - sulfuric acid mist
HCl - hydrogen chloride
HF - hydrogen fluoride
Hg - mercury
NH₃ - ammonia
- (4) Planned maintenance, startup, and shutdown (MSS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission rates is based on a 12-month rolling period. Annual emission rates for each source include planned MSS emissions.
- (6) Mercury lb/hr levels are based on a 30-day rolling average.
- (7) The fly ash system includes emissions from the two silo loadouts, the sludge pile, the sludge/flyash landfill, and the pug mill vent pipe.

Date: _____