

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 42218

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. 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 *	
			lb/hr	TPY
001	Caustic Heat Stack (4)	PM ₁₀	0.026	0.11
		VOC	0.020	0.08
		NO _x	0.340	1.49
		SO ₂	0.002	0.01
		CO	0.286	1.25
002	Pickle Tanks (4)	HCl	0.046	0.02
003	Pickle Tanks Scrubber Stack	HCl	0.068	0.04
004	Kettle Furnace/Drier Stack	PM ₁₀	0.152	0.63
		VOC	0.110	0.45
		NO _x	2.000	8.26
		SO ₂	0.012	0.05
		CO	1.680	6.94
005	Zinc Kettle Fugitives (4)	PM ₁₀ (5)	2.080	2.08
006	Zinc Kettle Baghouse Stack	PM ₁₀ (5)	0.166	0.17
		NH ₄ Cl	0.113	0.11
		ZnO	0.027	0.03
		ZnCl ₂	0.007	0.01
		Zn	0.008	0.01
		NH ₃	0.002	<0.01
008	Paint Spray Booth Building (4)	PM ₁₀	0.275	1.03

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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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
NH₄Cl - ammonium chloride
ZnO - zinc oxide
ZnCl₂ - zinc chloride
Zn - zinc
NH₃ - ammonia
- (4) Fugitive emissions are an estimate only.
- (5) Includes NH₄Cl, ZnO, ZnCl₂, Zn, and NH₃.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 5 Days/week 52 Weeks/year or 6,240 Hrs/year

Dated_____