

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26278

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
S-1	Elect. Induction Furnace Scrubber Stack	TSP	3.0	9.4
		PM ₁₀	3.0	9.4
S-2	Core Mold Area Exhaust Stack	TSP	2.4	7.52
		PM ₁₀	1.2	3.76
		VOC	1.68	5.26
F-1	Paint Operation (4)	VOC	3.59	11.18
F-2	Foundry Operations (4)	TSP	0.94	2.93
		PM ₁₀	0.47	1.47
		VOC	0.51	1.60
		NO _x	0.08	0.35
		SO ₂	0.01	0.05
		CO	0.02	0.07

Note: Any baghouse shall be exhausted inside the building.

- (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) TSP - Total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day 20 Days/week 6 Weeks/year 52 or Hrs/year 6,240

Maximum melt rates: 11.25 ton/hour 150 ton/day 46,800 ton/year

Dated_____