

Emission Sources - Maximum Allowable Emission Rates

Permit Number 79674

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 (5)	
			lbs/hour	TPY (4)
BH01	Baghouse Stack (induction furnaces 1-4, slag removal operation, pouring and transfer operation, centrifugal casting machines 1-9, cast mold burners, mold coating, fluxing agents)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		SO ₂	3.39	0.36
		CO	0.01	<0.01
		VOC	0.10	0.01
		NO _x	0.01	<0.01
		Pb (4)	<0.001	<0.001
		Ni (4)	<0.001	<0.001
		Cu	0.004	0.002
		Mn (4)	<0.001	<0.001
		HCl (4)	0.291	0.031

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - nitrogen oxide
 - Pb - lead
 - Ni - nickel
 - Cu - copper
 - Mn - manganese
 - HCl - hydrogen chloride
- (4) Hazardous Air Pollutant (HAP) is defined as any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C.

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- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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