

Environmental Standards

Emission

FOUNDRIES : EMISSION STANDARDS

	Pollutant	Concentration (mg/Nm ³)
(a) Cupola Capacity (melting rate):		
Less than 3 tonne/hr	particulate matter	450
3 tonne/hr and above	-do-	150
(b) Arc Capacity: All sizes	Furnaces particulate matter	150
(c) Induction Capacity: All sizes	Furnaces -do-	150

Note :

1. It is essential that stack is constructed over the cupola beyond the charging door and the emissions are directed through the stack which should be atleast six times the diameter of cupola.
2. In respect of arc furnaces and induction furnaces, provision has to be made for collecting the metal fumes before discharging the emissions through the stack

**Source : EPA Notification
[G.S.R. 742(E), dt 30th Aug., 1990]**

Re-Heating (Reverbearatory) Furnaces

	Pollutant	Concentration (mg/Nm ³)
Capacity : All Sensitive	sizes area particulate	matter 150
Other area	particulate matter	450
