

Environmental Standards

Emission

BEEHIVE HARD COKE OVEN

	Pollutant	Emission limit
New Unit	Particulate Matter (corrected to 6% CO ₂)	150 mg/Nm ³
Existing unit	Particulate Matter (corrected to 6% CO ₂)	350 mg/Nm ³

Note: For control of emissions and proper dispersion of pollutants, the following guidelines shall be followed:

- Units set up after the publication of this notification shall be treated as new units.
- A minimum stack height of 20 metre shall be provided by each unit.
- Emissions from coke ovens shall be channelised through a tunnel and finally emitted through a stack. Damper adjustment techniques shall be used to have optimum heat utilisation and also to control the emission of unburnt carbon particles and combustible flue gases.
- Wet scrubbing system or waste heat utilisation for power generation or byproduct recovery systems should be installed preferably to achieve the prescribed standards.
- After four years from the date of this notification, all the existing units shall comply with the standards prescribed for the new units.

**Source: EPA Notification
[GSR 176(E) April 2, 1996]**