

from the land after secondary treatment has to satisfy a limit of 30mg/l of BOD and 10mg/l of nitrate expressed as "N". The net addition to ground water quality should not be more than 3 mg/l of BOD and 10mg/l of nitrate expressed as "N".

- (iii) BOD shall be allowed upto 350 mg/l for discharge into a town sewer, if such sewer leads to a secondary biological treatment system.
- (iv) Suspended solids shall be allowed upto 450 mg/l for discharge into a town sewer, if such sewer leads to a secondary biological treatment system.
- (v) In the event of bulking of sludge, the industry shall immediately apprise the respective State Pollution Control Board.

#### 64. BEEHIVE HARD COKE OVEN

#### EMISSION :

(i) New unit	Particulate matter (corrected to 6% CO <sub>2</sub> )	150 mg/Nm <sup>3</sup>
	Hydrocarbons	25 ppm
(ii) Existing units	Particulate matter (corrected to 6% CO <sub>2</sub> )	350 mg/Nm <sup>3</sup>

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

- (i) Units set up after the publication of this notification shall be treated as new units.
- (ii) A minimum stack height of 20 meters shall be provide by each unit.
- (iii) Emissions from coke ovens shall be channelised through a tunnel and finally omitted through a stack. Damper adjustment techniques shall be used to have optimum heat utilization and also to control the emission of unburnt carbon particles and combustible flue gases.
- (iv) Wet scrubbing system or waste heat utilization for power generation or byproduct recovery systems should be installed preferably to achieve the prescribed standards.

- (v) After four years from the date of this notification, all the existing units shall comply with the standards prescribed for the new units.

**65. BRIQUETTE INDUSTRY  
(COAL)**

**EMISSIONS :**

(i) Units having capacity less than 10 tonnes	Particulate matter (corrected to 6% CO <sub>2</sub> )	350 mg/Nm <sup>3</sup>
(ii) Units having capacity 10 tonnes or more	Particulate matter (corrected to 6% CO <sub>2</sub> )	150 mg/Nm <sup>3</sup>

**Note:** For control of emissions/and proper dispersal of pollutants, the following guidelines shall be followed by the industry :-

- (i) A minimum stack height of 20 metres shall be provided.
- (ii) All ovens shall be modified to single chimney multi-oven systems.
- (iii) Emissions from ovens shall be channelised through inbuilt draft stack. Optimum heat utilization technique shall be used.
- (iv) In case of units having capacity 10 tonnes and above, wet scrubbing system shall be provided to control air pollution.

**66. SOFT COKE INDUSTRY**

Particulate matter (Corrected to 6% CO <sub>2</sub> )	350 mg/Nm <sup>3</sup>
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**Note:** Wet scrubbing systems alongwith byproduct recovery system shall be provided.

**GUIDELINES FOR EMISSION CONTROL TO IMPROVE WORK ZONE ENVIRONMENT (APPLICABLE FOR INDUSTRIES AT SERIAL NUMBERS 64, 65 AND 66):**

- (a) Water used for quenching and wet scrubbing shall be recalculated and reused through catch-pits.
- (b) Leakages in the oven shall be sealed by bentonite or by any suitable paste and by proper maintenance to avoid fugitive emission.