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 \(150 \text{ mg/Nm}^3\) (corrected to 6% CO\(_2\))
   - Hydrocarbons \(25 \text{ ppm}\)

(ii) Existing units
   - Particulate matter \(350 \text{ mg/Nm}^3\) (corrected to 6% CO\(_2\))

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 350 mg/Nm³
(corrected to 6% CO₂)

(ii) Units having capacity 10 tonnes or more

Particulate matter 150 mg/Nm³
(corrected to 6% CO₂)

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 350 mg/Nm³
(Corrected to 6% CO₂)

Note: Wet scrubbing systems along with 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.