

S. No.	Industry	Parameter	Standards
1.	2.	3.	4.
<sup>1</sup> [62.	<b>VISCOSE FILAMENT YARN</b> (Sub-sector of manmade fibre semi- Synthetic Industry)	<b>EFFLUENTS</b>	(Concentration in mg/l except for pH)
		pH	5.5-9.0
		Suspended solids	100
		BOD(3 days at 27°C)	30
		Zinc (as Zn)	5
<sup>2</sup> [63.	<b>STARCH INDUSTRY</b> (Maize products)	<b>EFFLUENTS:</b>	Concentration not to exceed mg/l (except pH and waste water discharge)
		pH	6.5-8.5
		BOD (3 days at 27°C)	
		Suspended Solids	150
		Wastewater discharge	8 m <sup>3</sup> /tonne of maize Processed

**Note :** The prescribed limits for BOD and suspended solids shall be made more stringent or less stringent depending upon the conditions and local requirements as mentioned below :

- (i) BOD shall be made stringent upto 30mg/l if the recipient fresh water body is a source for drinking water supply.
- (ii) BOD shall be allowed upto 350 mg/l for applying on land provided the land is designed and operated as a secondary treatment system with the requisite monitoring facilities. The drainage water

<sup>1</sup> Sl. No. 62 and entries relating thereto inserted by Rule 2(b) of the Environment (Protection) Third Amendment Rules, 1993 by G.S.R. No. 801 (E), dated 31.12.1993.

<sup>2</sup> Sl.No.63 to 78 and entries relating thereto inserted by Rule 3 (a) of the Environment (Protection) (Amendment) Rules, 1996 notified by G.S.R.176(E), dated 2.4.1996.

\* Substituted by Rule 2 of the Environment (Protection) Amendment Rules, 1996 notified by G.S.R.176(E), dated 2.4.1996 may be read as BOD (3 days at 27°C) wherever BOD 5 days 20°C occurred.

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.