

Sr. No.	Industry	Parameter	Standards
1	2	3	4
34.	<b>SMALL BOILERS</b> Capacity of Boiler	<b>EMISSIONS*</b> Particulate matter	
	- Less than 2 ton/hr.		1600
	- 2 to 5 ton/hr		1200
	More than 15 ton/hr.		150
<sup>1</sup> [ <sup>2</sup> 35.	<b>COFFEE INDUSTRY</b>	<b>Instant/Dry Processing</b>	
			Limiting value for concentration in mg/l except for pH
		pH	6.5-8.5
		BOD <sub>3 day, 27° C</sub>	100
		Total Dissolved Solids	2100
		<b>Wet/Parchment Coffee Processing</b>	
		pH	6.5-8.5
		BOD <sub>3 day, 27° C</sub>	1000

**Notes:**

- (i) Coffee growers having plantation area less than 10 ha with wet processing shall store primary treated effluent in lined lagoons for solar evaporation with a non-permeable system at the base and sides of lagoon.
- (ii) Coffee growers having plantation area between 10-25 ha with wet processing shall store primary (equalization and neutralization) treated effluent in lined lagoons for solar evaporation with a non-permeable system at the base and sides of lagoon.
- (iii) Coffee growers having plantation area 25 ha or above with wet processing shall store secondary treated effluent in conformity with above norms in lined lagoons with a non-permeable lining system at the base and side of lagoon and use the effluent for irrigation after dilution so as BOD of diluted effluent for land application is less than 100 mg/l.
- (iv) The minimum liner specifications for a non-permeably lining system shall be a composite barrier having 1.5 mm High Density Polyethylene (HDPE) geomembrane or equivalent, overlying 90 cm of soil (clay or amended soil) having permeability coefficient not more than  $1 \times 10^{-5}$  cm/sec.
- (v) The effluent storage facilities/lagoons/solar evaporation ponds shall be located above high flood level mark of the nearby stream, rivulet etc. with below mentioned free board and away from any water body/stream at a distance.

\* All emissions normalized to 12 per cent carbon dioxide.

<sup>1</sup> Omitted entry relating to **Oil Refineries (Sulphur Dioxide)** by Rule 2 (i) (b) of the Environment (Protection) Amendment Rules, 2008 notified by G.S.R. 186 (E), dated 18.3.2008.

<sup>2</sup> Inserted by Rule 2 of the Environment (Protection) Sixth Amendment Rules, 2008 notified by G.S.R.579(E), dated 6.8.2008