

### 38.0 LIME KILNS : EMISSION STANDARDS

Capacity of the lime kiln	Pollutant	Emission limit
Upto 5 tpd	Particulate Matter	A hood should be provided with a stack of 30 metre height from ground level (including kiln height)
More than 5 tpd and Upto 40 tpd	-do-	500 mg/Nm <sup>3</sup>
Above 40 tpd	-do-	150 mg/Nm <sup>3</sup>

#### S0<sub>2</sub> in kilns above 5 tonne/day capacity

Sulphur dioxide shall be dispersed through a tall stack and the stack height shall be calculated using the formula  $H = 14Q^{0.3}$ ; where H is the stack height in metre and Q is sulphur dioxide emission rate in kg/hour.

Source : EPA Notification  
[GSR 92(E), Feb 21, 1991]

### 39.0 LARGE PULP & PAPER/NEWS PRINT/RAYON GRADE PULP PLANTS OF CAPACITY ABOVE 24000 TONNE/ANNUM: WASTEWATER DISCAHRGE STANDARDS

Parameter/ Flow	Concentration not to exceed
(i) (Large pulp & paper)	200 cum/tonne of paper
(ii) (Large rayon grade/news print)	175 cum/tonne of paper
pH	6.5 to 8.5
SS	100 mg/l
BOD at 27 <sup>o</sup> C for 3 days	30 mg/l
COD	350 mg/l
TOCL*	2.0 kg/tonne of paper produced

\* The standards for TOCL will be applicable from January, 1992.

Source : EPA Notification  
[GSR 93(E), dt. Fef. 21, 1991]