

## Environmental Standards

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### EMISSION

#### 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	Particulate Matter	500 mg/Nm <sup>3</sup>
Above 40 tpd	Particulate Matter	150 mg/Nm <sup>3</sup>

#### **S<sub>0</sub>2 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]**

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