



Central Building Research Institute

Roorkee

Pollution Control System for Lime kilns



- Application/Uses:** The pollution control system is useful to building lime industry for control of suspended particulate matter (SPM) emissions comprising of kiln dust and tarry organic matter for lime kilns of capacity 10 tpd.
- Salient Technical Features:** Double deck packed bed scrubber-cum-entertainment separator Lime stone as reusable packing material. Suitable for particles less than 10 micron power failure not to affect kiln operation.
- Environmental Aspects :** To reduce air pollution.
- Level/Scale of Development:** Commercial Scale.
- Status of Commercialisation:** Under commercialisaiton.
- Major Components/ :
Raw Materials** Fabrication work in mild steel. Major components includes chimney with hood, induced draught fan, slurry tank, pump, water scrubber-cum-entertainment separator, etc.
- Major Plant Equipment :
and Machinery** Standard mechanical workshop facilities.
- Techno-Economics:** Rs. 3 lakh per kiln.
- Technology Package:** Design drawings and process technology.

For further details please contact :

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