



CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE

CBRI High Draught Brick Kiln



Application/Uses	: For efficient firing of bricks and tiles
Salient Technical Features	: High thermal efficiency of the kiln reduces fuel consumption by 25%. Exhaust from the chimney is within pollution standards. Design ensures continuous operation.
Environmental Aspects	: No special measures are required except for those usually adopted
Level/Scale of Development	: Design standardised on a prototype
Status of Commercialisation	: More than 100 licences. HDK designs in production
Major Raw Materials	: Clayey soil
Major Plant Equipment and Machinery	: Induced draught fan; Cap dampers
Techno-Economics	: Capital investment for a 30,000 bricks/day HDK is about Rs. 15 lakh
Technology Package	: Design drawings for kiln construction; manual for operation of kiln, assistance during construction and commissioning

For further details please contact :

Director

Central Building Research Institute, Roorkee - 247 667 (INDIA)

Phone : +91 1332 72243; Telex : 0597 203 CBRI IN

Fax : +91 1332 72272 & 72543; E. Mail : cbri@sirneta.ernet.in