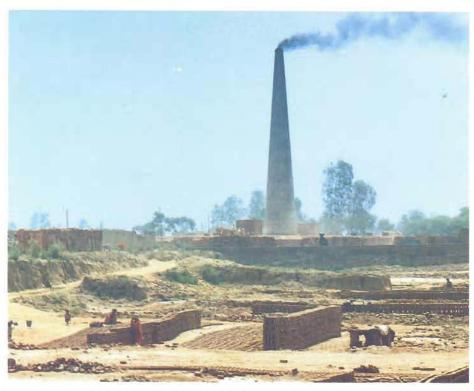


CENTRAL BUILDING RESEARCH INSTITUTE ROORKEE

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 cosumption 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

More than 100 licencees. HDK designs in production

Commercialisation

Major Raw Materials : Clayey soil

Major Plant Equipment :

and Machinery

Techno-Economics

Induced draught fan; Cap dampers

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@sirnetd.ernet.in