



TECHNICAL TRAINING PROGRAM FOR BULL'S TRENCH KILN (BTK) FIREMEN

Venue:
Lokmitra Office
B-62, Anand Nagar
Rae Bareilly - 229001

Date:
28-29 October, 2006

Agenda

Session 1

- Knowing the priorities of firemen
 - Interactive session
 - Collation
 - Prioritising

Session 2

- Kiln firing technologies
 - ✓ Production capacities, energy and environmental related parameters
- Fuel usage in brick kilns
 - ✓ Types (coal, biomass and others), source and properties
- Environmental issues and standards
- Quality of fired bricks
 - ✓ Traditional methods (Size, colour and sound)
 - ✓ Lab testing (compressive strength, water absorption)

Session 3

- How to prepare good quality green bricks
 - Site/Soil Selection
 - Moulding
 - ✓ Hand molding
 - ✓ Extrusion
 - ✓ Alternate products – What are they and why they must be used?
 - Drying
 - Mixing of flyash etc.
- Brick firing in BTKs
 - Various heat losses and the effect on energy and environment
 - Role of “best operating practices” & need for training
 - BPVS and iqarnama
 - Future of BTK and other technologies (e.g. VSBK) in India

Session 4

- Learnings - Presentations by different groups
- Distribution of certificates and manual in Hindi on “Better feeding, firing and operating Practices in Bulls Trench kilns”