

Fans & Pumps in Cement Industry

Objectives:

Fans and pumps are considered among the most frequently used mechanical machines in Cement Industry. This training course provides how to achieve correct and efficient application through a clear grasp of the basic operating principles, machine and system performance characteristics, and selection criteria, plus knowledge of common problems and repair techniques, preventive/ predictive maintenance and reinforce the knowledge of compressors, pumps and associated systems.

Participants:

This course addresses Mechanical engineers working in maintenance, preparation office, Inspection, preventive maintenance, operation personnel and other technical personnel.

Course contents:

- Introduction
- Fans Operating Principles
- Howden Centrifugal Fans
- V-Belt Drive Installation
- Mechanical Vibration
- Fan Accessories
- Standard Fan Arrangements
- Energy Management Opportunities
- Cement Plant Preheater Fan Build-up Control
- Fan Operation and Routine attention
- Preventive Maintenance