

BEARING RELIABILITY IN FANS

ONE DAY TRAINING COURSE

COURSE OVERVIEW

Engineering and maintenance professionals will learn about bearing reliability in fan applications with special focus on industrial segments with fan applications used in cement industry, metal industry, refineries & power plants. In depth knowledge of fan application design, types, selection of shaft components, load calculations & reliability of the fan application will be discussed during the session. This session will help the participants to improve bearing reliability in industrial fans

COURSE OVERVIEW

This course consists of classifications of fans and their components. Different drive arrangements and their advantages/ disadvantages. Different components that make up a fan system. Identify the most highly stressed areas. Bearing arrangements on simply supported shafts as well as overhung shafts and their applications. Lubrication methods & condition monitoring of fan applications for smooth and low maintenance operation avoiding unplanned downtime.

ONE DAY | 0900 - 1700 HRS

USD 1,600.0 / SESSION

15 PARTICIPANTS

COURSE CONTENT

Bearings & fan application components
Common bearings typically seen in fans.
Correct bearing mounting/dismounting.
Clearance reduction & axial drive-up.
Alignment, balancing & vibration analysis
Failure analysis of fan applications and their report writing
Lubrication of bearing & fan components
Locating & non-locating phenomena
Simply supported and overhung applications

WHO SHOULD ATTEND

Application engineer | Condition monitoring engineer | Technicians | Electrical engineers | Supervisor | Engineering draftsmen | Mechanical maintenance engineer | Lubrication fitter | Operations manager | Planning manager | Quality engineer | Reliability engineer | Vibration inspectors