



Gujarat Industries Power Co. Ltd

Performance Monitoring of Equipment in Industries

Overview & Objective:

Today's industrial policy and globalization has made industrial environment very competitive including electricity generation. Proactive maintenance strategy to reduce down-time of critical machines plays significant role in present competitive scenario. Substantial savings in maintenance cost can be achieved by applying prudent CONDITION MONITORING in process industry.

Plant machineries are invaluable assets and are designed to operate under extremely harsh condition, where a failure may be catastrophic, both in safety and economic aspects. Condition Monitoring plays a vital role in providing higher availability of plant machinery by detecting problems before they result in a major machine malfunction or breakdown.

The course is designed to impart class room & practical training to participant on basic aspects of condition monitoring, methodology, techniques along with case studies.

Course Content:

- Importance of conditioning Monitoring & type of maintenance practices .
- Type of Condition monitoring
- Vibration analysis
 - Fundamental of Vibrations in machines
 - Overview of vibration standards.
 - Types of Vibration Sensor.
 - Measurement and capturing data.
 - Spectrum & Phase analysis
- Analysis of Lube oil.
- Thermography in plant & its benefits.
- Condition monitoring of Electrical Equipment / Switchyard
- Condition monitoring in Thermal Power Plants.

Training Methodology:

- Classroom training
- Interaction
- Case Studies
- Demonstration / Hands on experience
- Plant Visit

Recommended For : Jr. Level Engineers & Middle level engineers working in Power Plant / Process Industry.

Duration of Course : 1 Days

Date : Please refer Training Calendar

Type : Non-Residential

Course Fees : Rs. 3000

Venue : Gujarat Industries Power Company Limited
P.O. Petrochemical - 391 346,
Dist. Vadodara, Gujarat

For Nominations:

OR

[Registration Form](#)

Contact:

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