



Towards Reliability

Maintenance for Plant Operators

This is a one-day course for Plant Operators and their Supervisors. It will raise their awareness and understanding on issues related to plant maintenance and reliability, and will introduce them to their role in minor maintenance and plant care.

Outcomes

- Increasingly companies are seeing their plant operators as the “front line” condition monitoring personnel.
- They offer enormous potential in identifying failures at an early stage as they “look, see and feel” their way around the plant – so long as they are aware of what to look for.
- Today’s plant has a large number of sensors feeding back to operators panels; this is potentially useful information on equipment performance and interpreted correctly can give warning of loss of performance or functionality.
- An understanding of the maintenance function provides operators with an understanding of why certain things are done – or not done, and of the part they can play in developing an effective working relationship with their maintenance counterparts, to the greater benefit of the company.
- Concepts of minor maintenance, equipment care, safe plant operation, as they affect the operator are introduced.

Who Should Attend

- All existing plant operators and their supervisors will benefit from this course.
- All new operators and supervisors should attend as part of their basic training.



Course Content

- Session 1 An Introduction to Maintenance
- Session 2 The Context of Maintenance Practices
- Session 3 Equipment Failure and Care
- Session 4 Minor Maintenance
- Session 5 Root Cause Failure Analysis
- Session 6 Condition and Performance Monitoring Techniques
- Session 7 Maintenance Management

The main thrust is on Sessions 3 and 4.