Predictive Maintenance (PdM) Training On PdM Technology And Applications.

Introduction:

Predictive & preventive maintenance is a system that enables the user to manage their assets to the maximum use of the cost allocated. A Predictive maintenance system that is cost effective over time and has a number of facets that enables the system to function. It is important to utilize many areas to meet the predictive needs of assets. This course aims to provide a well founded and detailed treatment of the principles and procedures of preventive & predictive maintenance planning and scheduling. The course focus on a range of topics, e.g. defining the level of maintenance, setting goals based on budget, maintenance planning, time and cost estimating, methods time management, maintenance planning thought process, Development an overall maintenance plan, work packages, scheduling methods, preventive maintenance procedures, predictive maintenance, engineering limits, maintenance scheduling process, prioritizing maintenance work.

Who Should Attend?

This training course is intended for maintenance engineering, planner, scheduler, supervisors and technician working in the field of Preventive & predictive maintenance and for those wishing to specialize in this area, or as an update to the

latest developments for those who already work in this area. Because the methods and examples are generic, personnel from all disciplines will benefit.

Course Breakdown:

Principles and procedures

- Defining the level of maintenance
- Equipment reliability and availability
- Setting goals based on budget

Maintenance Techniques

- Preventive Maintenance
- Predictive Maintenance
- Writing preventive maintenance procedures
- Sources of generic preventive maintenance procedures
- Predictive Maintenance (PDM)
- The Spectrum of Predictive Maintenance

Maintenance planning

- Time and cost estimating
- Construction planning and estimating methods
- Methods time management
- The maintenance planning thought process
- Development an overall maintenance plan

Estimating

- Estimating using past performance
- Factors affecting the accuracy of estimates
- Source of data for estimating

- Critical path methods for maintenance

Maintenance scheduling

- Work packages
- Scheduling methods
- Prioritizing maintenance work
- Dealing with Emergencies
- Using maintenance backlog
- Allocation scheduling method
- Weekly schedules
- Daily Schedules

Gathering data for maintenance performance indices

- Backlog ratio
- Over age Backlog
- Schedule Compliance
- Estimating Accuracy
- PM and Emergency Indices
- Overtime
- Productivity of the maintenance workforce Indicators