

# € TRAINING

Advanced Management to Measure and  
Develop Maintenance Projects and Raise  
Their Efficiency



# Advanced Management to Measure and Develop Maintenance Projects and Raise Their Efficiency

## Introduction:

The workshop includes the general criteria for maintenance evaluation and how to prepare the necessary data for such evaluation. - To develop preventive maintenance plans, maintenance of repairs and maintenance, maintenance of stops, and follow-up of these plans and flexibility in preparing them for an emergency. - Measurement of financial and accounting performance as well as a performance measurement for inventory management and availability of spare parts upon request as a service level.

## Course Objectives:

At the end of this course, the participants will be able to:

- Understand and plan maintenance and set up schedules and controls required to manage maintenance during operation.
- Understand the maintenance, planning, schedules, and work control methods required to manage maintenance during work breaks.
- Evaluate how the maintenance management system that works with the automated account contributes to the enhancement and support of the immediate information for maintenance planning and the preparation of schedules and control systems effectively.
- Evaluate the practical requirements for the maintenance management system that operates using the automated account.
- Evaluate and develop the most advanced maintenance strategy and procedures necessary to make maximum use of the spare parts and how the specialized systems that operate using the computer will facilitate these activities.

## Targeted Audience

- Professionals who are involved in the management and control of maintenance planning, scheduling and work control, including planners, schedulers and users of the CMMS
- Also, any stakeholders in the Work Planning function would benefit from attending this training course
- Internal auditors and those seeking to drive maintenance improvement through audit and benchmarking

## Course Outlines

### Unit 1:

- Predictive Maintenance.
- Productive Maintenance.
- Preventive Maintenance.
- Computer-based Maintenance.
- Breakdown and Failure Finding.

### Unit 2:

- Change the way of system operation.
- Definition of the Functions and Performance Criteria.
- Planning and Scheduling of Maintenance Activities.

- Using Performance-Based Estimates.
- Course Review via Case Study.

### Unit 3:

- Course Review.
- Maintenance and Repair.
- Planned Maintenance.
- Building a Shutdown Planning.

### Unit 4:

- Estimating Methods.
- Planning Economics.
- Dealing With Delays.
- Prioritizing Maintenance Work.
- Dealing with Emergencies.

### Unit 5:

- Maintenance Calendars.
- Weekly and Daily Schedules.
- Definitions and Diagramming Methods.
- Determining the Critical Path and the Importance of float slack.
- Balancing Downtime and Shutdown Costs.