



Asia Masters Center

Advanced Maintenance Management



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Advanced Maintenance Management

➔ Course Objective

- Demonstrate the latest concepts and techniques required for managing or supervising a maintenance unit
- Examine the organizational and managerial considerations for effective maintenance work
- Apply techniques to measure Overall Equipment Effectiveness (OEE)
- Distinguish and optimize the special characteristics of maintenance activities
- Debunk safety myths safety and identify unsafe acts and conditions
- Identify common maintenance Key Performance Indicators (KPIs) and develop the maintenance department scorecard

➔ Target Audience

- Planners
- Supervisors
- Engineers
- Reliability Engineers
- Maintenance Team Leaders and Managers
- Operations Team Leaders and Managers



Course Outline

➤ **DAY 1**

➤ **Introduction to advanced maintenance management**

- Objectives of maintenance management
- Asset management
- Maintenance life cycle
- Common maintenance management problems
- Typical responsibilities of a maintenance manager
- The maintenance organization

➤ **DAY 2**

➤ **Continuous improve practices in maintenance**

- 5S Model to improve productivity and reliability
- Defining 5S and its principles
- Relationship between maintenance and production
- Determine needs and requirements
- Applying the principles of 5S to continuous improvement

➤ **DAY 3**

➤ **Management of maintenance**

- Maintenance strategies
- Overall Equipment Effectiveness (OEE)
- OEE calculations
- Equipment failures and patters
- Failure modes and effect analysis
- Emergency and preventive maintenance
- Common preventive maintenance tasks
- Predictive maintenance
- Computerized Maintenance Management Systems (CMMS)
- Typical CMMS modules



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➤ **DAY 4**

➤ **Maintenance planning and control**

- Maintenance work flow process
- Work requests and work orders
- Work planning and scheduling
- Backlog management
- Resource management
- Spare parts management
- Maintenance master budget
- Capital budgeting
- Maintenance initiatives
- Replacement analysis of assets
- Maintenance operating budget
- Innovation and creativity

➤ **DAY 5**

➤ **Safety in maintenance**

- Myths about safety
- Why the concern for safety
- Unsafe acts and unsafe conditions
- Safety culture elements
- Conducting safety audits

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.



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Price (USD)

Communicate with the training department
to know the participation fees

➤ **There are offers and discounts for groups**

The details of the bank account

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