



أكاديمية الزمالة  
العربية البريطانية



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Arab British Academy Fellowship  
A.B.A.F





# Advanced maintenance planning systems

## Objectives

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- Increased cycles of equipment cycles.
- Reduced times of reform.
- Apply the optimal method to perform maintenance work.
- Prepare and reduce preventive maintenance.
- Inventory control of spare parts.
- Select and apply proper and appropriate maintenance of the facility.
- Planning and organization of maintenance work.
- Prepare and follow up the preventive maintenance plan.

## Who Should Attend?

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- Health and Safety Managers
- Field supervisors
- Engineers and specialists in safety
- Webmasters and anyone who requires a better knowledge of the rules and regulations of safety requirements in the workplace.

## Seminar Outline

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### DAY 1

- Maintenance: Defined
- Duties and Responsibilities of the Maintenance Department
- Organization of maintenance department
- Types and methods of maintenance.
- Planning and designing maintenance works:
- Maintenance "Curriculum and Foundations"



## DAY 2

- Maintenance concept.
- Importance of maintenance.
- Concepts of reliability and maintenance.
- Methods of increasing periods between failure.
- Methods of reducing the times of reform.
- Methods of implementation of maintenance.
- Maintenance of faults.
- Time-based preventive maintenance.
- Conditional preventive maintenance.
- Corrective maintenance.
- Preventive maintenance.

## DAY 3

- Prepare preventive maintenance plan.
- Identification of equipment and devices.
- Prepare your daily maintenance card.
- Schedule weekly, monthly and quarterly maintenance.
- Prepare a plan for the timing of the maintenance work during the year.
- Spare parts inventory management.
- Importance of stock spare parts.
- Methods for determining quantities to be stored.
- Methods of inventory control of spare parts.
- Evaluation of maintenance work.
- Evaluation factors for maintenance work.
- Maintenance reports

## DAY 4

- Foundations of design of maintenance program
- Steps to apply maintenance in a facility.
- Preventive maintenance: its importance

## DAY 5

- Features and disadvantages
- Its plan and practical examples.
- Conclusion and Recommendations.





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