



أكاديمية الزمالة  
العربية البريطانية



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Arab British Academy Fellowship  
A.B.A.F





# Development of maintenance systems

## Objectives

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- Provide participants with a set of scientific knowledge on the nature of the maintenance process.
- To familiarize participants with the methods, foundations and scientific and practical concepts used in the organization of maintenance devices and units.
- A statement of maintenance concepts and modern trends and the role of management in achieving its objectives.
- Improve the participants' abilities in identifying maintenance sites and their human and financial needs and spare parts.
- Training the participants in the selection and design of regular maintenance and preventive maintenance programs.

## 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

- The importance of maintenance, organization and methods.
- The economic importance of maintenance and its contemporary challenges in terms of investment and maintenance costs.
- Planning maintenance works (specifying maintenance objectives and functions, activities and maintenance systems and types).
- Maintenance and preparation methods (preventive maintenance - lubrication and lubrication - maintenance of faults - spare parts and storage)



## DAY 2

- Technical planning (planning and management of manpower in maintenance - training of technicians - improving work performance - motivating the workforce - planning and operating maintenance using mobile workshops).
- Scientific methods used in maintenance planning (waiting theory - Poisson distribution and distressing distribution).
- Maintenance control systems (supervisory role, control planning, time recording, material and spare parts orders, scheduling and methods). Maintenance level.
- Use of network diagrams to address replacement problems.

## DAY 3

- Obstacles to maintenance performance.
- Replace units that are less efficient over time.
- Planning budgets, cost of maintenance and financial management.

## DAY 4

- Maintenance contracts and general rules and principles in their implementation.
- Methods of quality verification in implementation.
- Practical and practical situations

## DAY 5

- Improving efficiency and efficiency of maintenance performance.
- The use of computers in maintenance work.



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