



أكاديمية الزمالة
العربية البريطانية



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Arab British Academy Fellowship
A.B.A.F





Maintenance techniques and asset safety

Objectives

- Planning and following up maintenance of mechanical works and air conditioning.
- Design and maintenance of mechanical systems and air conditioning in buildings.
- Diagnosis and maintenance of mechanical malfunctions and conditioning.
- Develop an integrated administrative and technical system for the maintenance of buildings, especially mechanical equipment and HVAC systems.
- Supervising the maintenance of mechanical works and HVAC systems.
- Understand and plan maintenance of equipment and equipment and prepare schedules and control processes required to manage the maintenance of equipment and equipment during operation.
- Understand the maintenance of equipment and equipment, planning, schedules and work control methods required to manage the maintenance of equipment and equipment during work interruption.
- Evaluate how the hardware and equipment maintenance management system that works with the automated account contributes to the promotion and support of the immediate information for the planning of the maintenance of the equipment, the integrated systems and the effective preparation of schedules and control systems.

Who Should Attend?

- 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

DAY 1

- Studying the components of buildings and establishments and calculating their costs.
- The optimum method for the processing and finishing of buildings and facilities, technically and economically.



- The role of engineers and maintenance officials in various stages in the life of the establishment from the thought of construction until the process of replacement and renewal

DAY 2

- Planning, design and implementation of drainage network
- Selection of types of pipes, joints and drainage requirements
- Periodic maintenance on the drainage system

DAY 3

- Generators (all details)
- Water purification systems (sanding, carbon, water sterilizers, water ionization and other systems)
- HVAC systems (water coolers, large and small air handling units, air ducts, central air conditioning systems and other HVAC systems)
- Cooling systems (refrigeration rooms, freezing rooms, projectors and other systems)
- Cooling water pumps (for water coolers)
- Cooling water systems and lines.
- Sterilization and air purification systems

DAY 4

- Natural wood, its properties and uses.
- Industrial wood, its properties and uses
- The difference between natural timber and industrial wood.
- Study of various machines for manufacturing and manufacturing furniture.
- Paints and methods of preserving wood and furniture from damage
- Accessories for furniture and methods of selection and installation.

DAY 5

- Identify the scientific methods for evaluating the performance of the maintenance department of the equipment and equipment where the work and tasks assigned to the maintenance department of the equipment and equipment are limited.
- Review the quantitative and qualitative indicators that indicate the effectiveness of the work of managing the maintenance of equipment and equipment. Through the application of that knowledge, it is expected that there will be adverse feedback to address any performance imbalance or to improve the effectiveness of the work.



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