Arab Academy for Science, Technology and Maritime Transport
Port Training Institute

Training Course Information Form

Course Information

Course Name: **Electrical Equipment Maintenance and Repair**

Institute/Centre: Port Training Institute **Course Code:** T39

Type: √ Program   ❑ Course   ❑ Workshop

Course Duration: √ 5 Days   ❑ 3 Days   ❑ 1 Days   ❑ Other

Course Conducted: √ Local Anywhere   ❑ International   Indicate: A.R.E
Course Venue:

Course Language: ❑ English   ❑ Arabic   √ Both   ❑ Other

Course Description

Course Outlines:
1. Components and the theory of work of electrical equipment.
2. Protection and control circuits and methods of tracking.
3. Measuring devices and field of use.
4. The proper technological methods to disassembly and repair, assembly, testing.

Course Objectives:
Raise the level of technicians to do the following activities:
- Checking Electrical Devices and determining its failure.
- Implementation of repair measures by the correct scientific methods.
- Testing Electrical Devices after repair.

Course Includes: √ Theoretical   ❑ Fire Training Module   ❑ Laboratory
❑ Workshop   ❑ Site Visit

Course Prerequisites: Electrical Equipment Maintenance and Repair (Qualifying)

Who should attend: Maintenance - Engineering

No. of Participants/course: √ 5-10   ❑10-15   ❑15-20   ❑Other

Qualifications of Participants:
- Intermediate degree in Electricity – or long experience in the field with read and write skills

No. of Lecturer: √ 1   ❑ 2   ❑ 5

No. of Assistance: ❑ 1   ❑ 2   ❑ 3

Course Facilities

√White Board   √ V. Projector   √Data show   ❑PC   ❑Manual
❑Books   √Handouts   ❑Flip charts   ❑ S/W   ❑Other:

Course Evaluation

❏ Written Examination   ❏ Written Report(s)   ❏ Oral Presentation   √ Attendance
√ Delegates Participation

Certificate Issue:
   ❏ Local Premises   √ AASTMT   ❏ International

Course Registration

√ Admission and Registration

Department at the Port Training

Registration: Institute   ❏ Online   ❏ Other

Beside gate No. 27 - Outside

Customs area, Alexandria Port

Documents required: √ Registration form   √ ID/Passport copy   √ Photo