

## Diesel Generator Training Course

### Course Description:

The generator training course is designed to provide a Maximum understanding of the electrical generating equipment and its associated auxiliary systems. The training will support the installation, startup, operation, inspection, testing, maintenance and troubleshooting to reduce Costs, Equipment downtime, Parts requirements.

### language:

training materials are provided in (Arabic /English) language.

### Course Content:

The following topics are representative of those covered in the course.

- 01) Introduction (1 HRs)
- 02) Generator types (2 HRs)
- 03) Diesel Engine Overview (2 HRs)
- 04) Fundamental of electrical generator (3 HRs)
- 05) Associated Systems (5 HRS)
- 06) Transfer switch equipment (2 HRs)
- 07) Integrated System operations (2 HRs)
- 08) Generator Starting and Control (2 HRs)
- 09) Generator protection (3 HRs)
- 10) Diesel Generator Tests (3 HRs)
- 11) Synchronizing (2 HRs)
- 12) Site Preparation (5 HRs)
- 13) Troubleshooting and Fault Finding (3 HRs)
- 14) Preventive and corrective Maintenance considerations (2 HRs)
- 15) Programming and Online Monitoring (2 HRs)
- 16) Some Calculations (1 HRs)

### Course duration

**40 hours (5 days)**

**Course price / trainee : 750 \$**