

ELECTRICAL COURSES

LOAD & ENERGY MANAGEMENT IN INDUSTRIAL POWER DISTRIBUTION SYSTEMS (E92AE)

OBJECTIVE:

Following completion of the course, each individual should be capable of critically analyzing the general usage in the plant, accounting for the energy consumed by the equipment and processes and identifying opportunities to reduce plant energy consumption and achieve energy cost saving thereby contributing to improved plant efficiency and profitability.

WHO SHOULD ATTEND?

This course is designed for supervisors, foremen and engineers.

COURSE CONTENT:

- Introduction to Energy Management
- Energy Data Recording & Processing
- Plant Survey
- Electrical Metering and Tariffs
- Demand Management
- Electric Motors
- Lighting Systems
- Power Quality Issues
- HVAC

Duration: 5 Days

Date:	Venue:	Cost:
Mar 8 – 12	Dubai	SR8,000
May 24 - 28	Qatar	SR8,000
Jul 12 – 16	Sharm El-Shaikh	SR8,000
Dec 20 - 24	Jubail	SR7,000

LOW & MEDIUM VOLTAGE SWITCHGEAR (E88A)

OBJECTIVE:

Every electric circuit needs a switching device and protective device, the switching have been developed in low and medium switchgear this course talking about the low and medium circuit breaker (maintenance, operation, types, interlocks and protection...etc.)

WHO SHOULD ATTEND?

This course is recommended for electrical technicians, engineers and supervisors to gain more experience in the methods of maintenance, operation and protection for all types of breakers for low & medium voltages.

COURSE CONTENT:

- Applications and Basic Requirements of Low Voltage Breaker
- Protection Aspects for Low Voltage Breakers
- Medium Voltage Switchgear with SF6 and VCB
- ARC Interruption
- Advantages of SF6 for Medium Voltage
- Oil and Vacuum Breaker
- Switchgear Maintenance and Protection
- Switchgear Safety

Duration: 5 Days

Date:	Venue:	Cost:
Mar 15 – 19	Dammam	SR6,000
Jun 7 – 11	Abha	SR7,000
Aug 16 – 20	Dammam	SR6,000