

# ELECTRICAL COURSES

## OPERATION & MAINTENANCE OF HV EQUIPMENT AND TRANSFORMERS (E44A)

**OBJECTIVE :**

This course is designed to provide the participants with full theoretical and practical details about HV Equipment and Transformers during operation and maintenance including AC and DC Motor Troubleshooting and Electrical Instruments.

**WHO SHOULD ATTEND ?**

This course is recommended for electrical engineers, supervisors, and technicians who have good experience in HV Equipment and Transformers and need more details of Operation and Maintenance procedures.

**COURSE CONTENT:**

- High Voltage Safety
- Electrical Instrument
- Electrical Operation And Maintenance
- High Voltage Switchgear
- Ac Motor Maintenance And Troubleshooting
- Dc Motors And Maintenance.

**Duration: 5 Days**

Date:	Venue:	Cost:
Jan 31-Feb 4	Riyadh	SR 8,000
Apr 11-15	Dammam	SR7,000
Aug 8-12	Dammam	SR7,000

## OPERATION, MAINTENANCE AND PROTECTION OF POWER TRANSFORMERS (E81A)

**OBJECTIVE:**

This seminar provides attendees with a practical understanding in the operation, maintenance, and protection of power transformers and a good idea of the systems associated with the construction of the power transformer.

**WHO SHOULD ATTEND?**

This course is intended for operation engineers, and maintenance technicians.

**COURSE CONTENT:**

- Construction of Power Transformer
- Operation and Maintenance
- Systems Associated with Power Transformer
- Power Transformer Protection
- Power Transformer Testing, Common Defects, Causes, and Ways of Rectifying them

**PRACTICAL TASKS:**

- Demonstration of Associated Parts of the Transformer
- Demonstration of the Construction Parts of the Transformer

**Duration: 5 Days**

Date:	Venue:	Cost:
Feb 28–Mar 4	Dammam	SR7,000
Jun 14 – 17	Cairo	SR 9,000
Nov 21 –25	Dammam	SR7,000