

ELECTRICAL COURSES

HIGH VOLTAGE ELECTRICAL SAFETY (E17A)

OBJECTIVE:

The objective of this seminar is to identify the electrical shock hazards that exist in the industrial facilities and power plants, and describe the precautions that are necessary to perform electrical jobs safely.

WHO SHOULD ATTEND?

This course is recommended for electrical technicians involved with maintenance, troubleshooting, and instillation of electrical equipment and devices.

COURSE CONTENT:

- Hazards of Electricity
- Protective Equipment
- Energized Work
- De-Energized Work
- Ground Systems
- Specific Equipment Hazards
- Legal Requirements
- Operating Power System Safely
- Lighting Hazards
- Safety Audits
- Managing Safely

Practical Tasks:

- High voltage probe
- High voltage gloves
- Hot stick
- Voltage proximity tester
- High voltage fuse puller

Duration: 5 Days

Date:	Venue:	Cost:
Mar 7-11	Dammam	SR7,000
Jun 27-Jul 1	Dammam	SR7,000
Oct 10 -14	Dammam	SR7,000

HRC FUSES APPLICATIONS, ISOLATOR AND BUSBAR DESIGN (E128A)

OBJECTIVE:

This course is designed to provide theoretical information about HRC fuses and their applications as well as types of isolators in the electrical circuits and their function, also the course provides busbar schemes at the substation.

WHO SHOULD ATTEND?

This course is recommended for maintenance substation electrician and fresh electrical engineers.

COURSE CONTENT:

- HRC Fuses and their Applications
- Types of Isolators and their Function in the Electrical Schematics
- Isolator Layout and Earthing Switches
- Load Break Switches
- Maintenance of Isolators
- Busbar Material and Capacity
- Busbar Arrangement
- Sectionalized Busbar Arrangement
- Double Busbar Arrangement
- Ring Busbar
- One and Half Breaker Arrangement
- Radial Busbar
- Busbar Maintenance

Duration: 5 Days

Date:	Venue:	Cost:
Mar 21-25	Dammam	SR7,000
May 16-20	Jubail	SR 8,000
Aug 1-5	Dammam	SR7,000