

# ELECTRICAL COURSES

**(ELECTRIC ARC FURNACE in FACTORY STEEL, OPERATION MAINTENANCE and TROUBLESHOOTING CONTD.)**

- Familiarize the Participants with the Differential Circuit Diagram of Furnace System
- Watching Some Practical Photos of Furnaces
- Video Tapes/CDs

**Duration: 5 Days**

Date:	Venue:	Cost:
Jan 10 – 14	Dammam	SR7,000
Apr 12 – 16	Qatar	SR 9,000
Oct 3–7	Dammam	SR7,000

**ELECTRICAL DISTRIBUTION DESIGN and PLANNING (E87AE)**

**OBJECTIVE:**

This seminar will provide the participants with the practical understanding and basic knowledge of distribution design and distribution planning in electrical power substation.

**WHO SHOULD ATTEND?**

This seminar is recommended primarily for supervisors, electrical engineers or anyone involved in electrical distribution design and planning in Substations.

**COURSE CONTENT:**

- Substation and Busbar Design
- Distribution System Layout and Main Components
- Distribution System Construction and Design
- Circuit Breaker Design According to Fault Calculation
- Reactors, Arrestors and Isolators

**PRACTICAL TASKS:**

- Demonstration of CT & PT Polarity
- Presentation of Some Practical Photo of B.B. and Reactors.
- Visiting the Electrical Workshop for the Familiarization on Different Types of Transformers.

**Duration: 5 Days**

Date:	Venue:	Cost:
Mar 7 – 11	Dammam	SR7,000
Jun 27– Jul 1	Dammam	SR7,000
Oct 3 – 7	Jubail	SR 8,000