

ELECTRICAL COURSES

ELECTRIC DRIVE SPEED CONTROL and MAINTENANCE (E96A)

OBJECTIVE:

This course explains basic theoretical analysis and practical of the industrial drive systems. DC and AC drive systems are investigated at different modes of operation.

WHO SHOULD ATTEND?

This course is designed for electrical maintenance technicians, engineers, supervisors and foremen or whoever is involved on electric drive speed control and maintenance.

COURSE CONTENT:

- Direct-Current (DC) Motors
- Induction Motor
- Elements of Electric-Drive Systems
- Introduction to Solid-State Devices
- Speed Control of Direct-Current Motors
- DC/AC Conversion
- Speed Control of Induction Motors

Duration: 5 Days

Date:	Venue:	Cost:
Apr 12 – 16	Dammam	SR6,000
May 24 - 28	Abha	SR7,000
Oct 18 – 22	Dammam	SR6,000

FAULT ANALYSIS IN ELECTRICAL NETWORK (E54AE)

OBJECTIVE:

This course is designed to provide information about fault analysis techniques and fault analysis calculation in power system.

WHO SHOULD ATTEND?

This course is recommended for electrical supervisors and engineers with basic experience in operation and maintenance of electrical power system or dispatch centers.

COURSE CONTENT:

- Power System Fault Analysis
- 3-Phase Fault Calculations
- Equivalent Circuits and Parameters of Power System Plant
- Stability and Faults in Power System
- Case Study of Fault Analysis Network
- Balance and Unbalance faults

PRACTICAL TASKS:

- Video tapes/CDs

Duration: 5 Days

Date:	Venue:	Cost:
Mar 8 – 12	Jubail	SR7,000
Aug 9 - 13	Sharm El-Shaikh	SR8,000
Dec 20 – 24	Dubai	SR8,000
Dec 27 - 31	Qatar	SR8,000