

ELECTRICAL COURSES

PRINCIPLES OF FAILURE ANALYSIS (E52AE)

OBJECTIVE:

This course is designed to provide the participants with the detailed information about the various types of failure. Modern method of analysis and failure analysis requirements.

WHO SHOULD ATTEND?

This course is intended for electrical maintenance personnel, foremen and supervisors who are responsible for maintaining the integrity of the power system

COURSE CONTENT:

- Fault Deduction
- Causes of Failure of major substation equipment
- Internal Insulation Failure Mechanism
- Understanding the test techniques
- Lighting Protection Power System
- Case Study of Failure Analysis

Duration: 5 Days

Date:	Venue:	Cost:
Mar 1 – 5	Jubail	SR7,000
Aug 2 – 6	Sharm El-Shaikh	SR8,000
Dec 6 – 10	Qatar	SR8,000
Dec 27 - 31	Dubai	SR8,000

POWER-FACTOR CORRECTION and VOLTAGE REGULATION USING STATIC-VAR COMPENSATORS (E99AE)

OBJECTIVE:

This course is concerned with the theory, design and practical application of static Volt-Ampere-Reactive (VAR) compensators for industrial loads.

WHO SHOULD ATTEND?

This course is intended for junior & senior electrical engineers of power factor correction and voltage regulation using static-var compensators

COURSE CONTENT:

- Principal Symbols
- Introduction
- The Theory of Load Compensation
- Objectives in Load Compensation
- Principles of Static Compensators
- Implementation of Practical Power Factor Correction using SVC System
- Phase Shift Sensor Design
- SVC Practical Testing
- Practical Application of Static VAR Compensator in Industry.

Duration: 5 Days

Date:	Venue:	Cost:
Jan 26 – 30	Jubail	SR7,000
Feb 2 – 6	Dubai	SR8,000
Aug 16 – 20	Sharm El-Shaikh	SR8,000
Nov 1 - 5	Qatar	SR8,000