

# ELECTRICAL COURSES

## CORROSION CONTROL BY CATHODIC PROTECTION (E64A)

**OBJECTIVE:**

This seminar is to introduce engineers to the recent developments in the field of corrosion control by cathodic protection.

**WHO SHOULD ATTEND?**

This course is intended for electrical engineers supervisors & technicians who are responsible for maintaining the integrity of the Cathodic system.

**COURSE CONTENT:**

- Principle of Cathodic Protection
- Sacrificial and Impressed Current Anodes
- Stray Current Corrosion
- Cathodic Protection Interaction
- Cathodic Protection in Marine Environment
- Cathodic Protection System Design
- Case Histories of Cathodic Protection
- Cathodic Protection Interaction and Solar Application
- Case Studies

**Duration: 5 Days**

Date:	Venue:	Cost:
Jan 12 – 16	Dammam	SR6,000
Jun 14 - 18	Dammam	SR6,000
Jun 28 – Jul 2	Abha	SR7,000

## CORROSION, EROSION ENGINEERING and CATHODIC PROTECTION (E53A)

**OBJECTIVE:**

This seminar provides attendees with the fundamentals and methods of cathodic protection, types of anodes, corrosion and solving the problems.

**WHO SHOULD ATTEND?**

This course is intended for electrical engineers supervisors & technicians who are responsible for maintaining the integrity of the Cathodic system.

**COURSE CONTENT:**

- Introduction
- Location of Cathodic Protection
- Cost of Corrosion
- Corrosion Control
- Economic Effects
- Calculation and measurement of cathodic system
- Failure Analysis of Cathodic System

**Duration: 5 Days**

Date:	Venue:	Cost:
May 17 – 21	Dammam	SR6,000
Jul 19 - 23	Abha	SR7,000
Dec 6 – 10	Dammam	SR6,000