

Corrosion & CP of Concrete Structures

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Duration 2 days

Description This course covers the background theory on corrosion and cathodic protection, including such aspects as selection and design of cathodic protection systems (impressed current and sacrificial), installation of cathodic protection systems, materials and equipment, problem troubleshooting and assessment and repair of structures.

Who Should Attend? Those wishing to gain an understanding of cathodic protection of reinforced and prestressed concrete structures.

Course Highlights

- Modes of Concrete Deterioration
- Assessment and Repair of Structures
- Corrosion Fundamentals
- Remediation Options
- Selection and Design of Cathodic Protection Systems
- Materials and Equipment
- Installation of Cathodic Protection Systems
- Control of Interference Currents
- Commissioning of Systems
- Criteria for Cathodic Protection
- Operation and Maintenance of Systems
- Problem Troubleshooting
- System Records and Documentation

Practical demonstrations will be included as part of this course

Prerequisites Attendance at the ACA/ACRA Corrosion and Protection of Reinforced Concrete course is preferred. Industry experience is also an advantage.