Garnet
Garnet Global Training Center

GGT-CR-104

Corrosion, Coatings & Materials

# Cathodic Protection Testing & Surveys

اختبارات ومسوحات الحماية الكاثودية

| Duration | Language | Formats | Hours | Level |
|---|---|---|---|---|
| **5 or 10 days** | **English or Arabic** | **Classroom, online, in-house** | **35 / 70** | **Intermediate (practitioner)** |

## Overview

Cathodic Protection Testing & Surveys focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Understand why materials fail and how to protect assets with the right materials, coatings and cathodic protection. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

## What you will be able to do

- Apply the methods and standards of Cathodic Protection Testing & Surveys to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

## Who should attend

Corrosion, materials, integrity and coating engineers, inspectors and maintenance staff. Practitioners with one to five years of experience benefit most.

## Key topics

- Corrosion mechanisms
- Materials selection
- Coatings and linings
- Cathodic protection
- Monitoring and inspection
- Failure analysis cases

## Formats and fees

| | |
|---|---|
| 5-day classroom | **USD 4,750** |
| 5-day online | **USD 2,950** |
| 10-day classroom | **USD 8,950** |
| 10-day online | **USD 5,450** |
| In-house | **Quotation per group** |

Fees per participant, excluding VAT.

## Register or ask

**WhatsApp:** +971 56 674 7382

**Email:** info@garnettrainings.com

**Training:** training@garnettrainings.com

**Web:** garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

## Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

## 5-day outline

### Day 1 Cathodic Protection Testing & Surveys: principles and standards

- Materials selection
- Hands-on workshop on a workplace challenge

### Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

### Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Common mistakes and how to avoid them

### Day 4 Quality, safety and documentation

- Failure analysis cases
- Regional and international case studies

### Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Checklists and templates to take away

## 10-day outline

### Day 1 Cathodic Protection Testing & Surveys: principles and standards

- Materials selection
- Hands-on workshop on a workplace challenge

### Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

### Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Common mistakes and how to avoid them

### Day 4 Quality, safety and documentation

- Failure analysis cases
- Regional and international case studies

### Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Checklists and templates to take away

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

### Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

### Day 8 Benchmarking against international practice

- Global performance benchmarks
- Measurement and reporting

### Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

### Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

## Schedule 2027–2030

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 19–23 Apr 2027 | 5-day online | Live online | Arabic | 2,950 |
| 14–18 Jun 2027 | 5-day classroom | London | English | 4,750 |
| 19–30 Sep 2027 | 10-day classroom | Cairo | English | 8,950 |
| 11–15 Oct 2027 | 5-day classroom | Abu Dhabi | English | 4,750 |
| 3–7 Jan 2028 | 5-day classroom | Amsterdam | English | 4,750 |
| 7–18 Feb 2028 | 10-day classroom | Paris | English | 8,950 |
| 10–14 Apr 2028 | 5-day classroom | Kuala Lumpur | English | 4,750 |
| 20 Nov – 1 Dec 2028 | 10-day online | Live online | English | 5,450 |
| 19–23 Feb 2029 | 5-day online | Live online | English | 2,950 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 5–9 Aug 2029 | 5-day classroom | Manama | Arabic | 4,750 |
| 1–5 Oct 2029 | 5-day classroom | Dubai | Arabic | 4,750 |
| 4–15 Nov 2029 | 10-day classroom | Amman | Arabic | 8,950 |
| 11–22 Mar 2030 | 10-day classroom | Vienna | English | 8,950 |
| 2–13 Sep 2030 | 10-day online | Live online | Arabic | 5,450 |
| 18–22 Nov 2030 | 5-day classroom | Dubai | Arabic | 4,750 |
| 8–12 Dec 2030 | 5-day classroom | Amman | English | 4,750 |

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/