Garnet
Garnet Global Training Center

GGT-CR-102

Corrosion, Coatings & Materials

# Cathodic Protection Technician

فني الحماية الكاثودية

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

## Overview

Participants in Cathodic Protection Technician practise the methods, tools and standards they need to perform reliably and solve problems on the job. Understand why materials fail and how to protect assets with the right materials, coatings and cathodic protection. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

## What you will be able to do

- Apply the methods and standards of Cathodic Protection Technician to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

## 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 Technician: principles and standards

- Coatings and linings
- Group discussion and peer review

### Day 2 Methods and tools in practice

- Cathodic protection
- Monitoring and inspection

### Day 3 Diagnosis and problem solving

- Failure analysis cases
- Measurement and reporting

### Day 4 Quality, safety and documentation

- Corrosion mechanisms
- Hands-on workshop on a workplace challenge

### Day 5 Workshop, assessment and action plan

- Materials selection
- Common mistakes and how to avoid them

## 10-day outline

### Day 1 Cathodic Protection Technician: principles and standards

- Coatings and linings
- Group discussion and peer review

### Day 2 Methods and tools in practice

- Cathodic protection
- Monitoring and inspection

### Day 3 Diagnosis and problem solving

- Failure analysis cases
- Measurement and reporting

### Day 4 Quality, safety and documentation

- Corrosion mechanisms
- Hands-on workshop on a workplace challenge

### Day 5 Workshop, assessment and action plan

- Materials selection
- Common mistakes and how to avoid them

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

### 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
- Checklists and templates to take away

### 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) |
|---|---|---|---|---|
| 4–8 Jan 2027 | 5-day classroom | Dubai | Arabic | 4,750 |
| 11–22 Jul 2027 | 10-day classroom | Doha | English | 8,950 |
| 5–9 Sep 2027 | 5-day classroom | Manama | Arabic | 4,750 |
| 1–5 Nov 2027 | 5-day online | Live online | Arabic | 2,950 |
| 14–25 Feb 2028 | 10-day online | Live online | English | 5,450 |
| 21–25 May 2028 | 5-day classroom | Cairo | Arabic | 4,750 |
| 7–18 Aug 2028 | 10-day classroom | London | English | 8,950 |
| 16–20 Oct 2028 | 5-day classroom | Dubai | Arabic | 4,750 |
| 19–23 Feb 2029 | 5-day classroom | Istanbul | English | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 5–16 Mar 2029 | 10-day classroom | Abu Dhabi | English | 8,950 |
| 2–6 Jul 2029 | 5-day online | Live online | Arabic | 2,950 |
| 20–24 Aug 2029 | 5-day classroom | Geneva | English | 4,750 |
| 17–28 Jun 2030 | 10-day online | Live online | English | 5,450 |
| 11–15 Aug 2030 | 5-day classroom | Amman | Arabic | 4,750 |
| 13–17 Oct 2030 | 5-day classroom | Muscat | Arabic | 4,750 |
| 18–29 Nov 2030 | 10-day classroom | Abu Dhabi | English | 8,950 |

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