Garnet
Garnet Global Training Center

GGT-CR-126

Corrosion, Coatings & Materials

Corrosion Monitoring Techniques

تقنيات مراقبة التآكل

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

Overview

Corrosion Monitoring Techniques turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Corrosion Monitoring Techniques to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

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

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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 Corrosion Monitoring Techniques: principles and standards

- Monitoring and inspection
- Group discussion and peer review

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

- Materials selection
- Measurement and reporting

Day 4 Quality, safety and documentation

- Coatings and linings
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Cathodic protection
- Common mistakes and how to avoid them

10-day outline

Day 1 Corrosion Monitoring Techniques: principles and standards

- Monitoring and inspection
- Group discussion and peer review

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

- Materials selection
- Measurement and reporting

Day 4 Quality, safety and documentation

- Coatings and linings
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Cathodic protection
- 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)
15–19 Mar 2027	5-day classroom	Amsterdam	English	4,750
7–18 Jun 2027	10-day classroom	Singapore	English	8,950
18–22 Oct 2027	5-day classroom	London	English	4,750
8–12 Nov 2027	5-day online	Live online	Arabic	2,950
14–18 May 2028	5-day classroom	Riyadh	English	4,750
12–23 Jun 2028	10-day classroom	Dubai	Arabic	8,950
1–5 Oct 2028	5-day classroom	Doha	English	4,750
13–24 Nov 2028	10-day online	Live online	Arabic	5,450
21–25 Jan 2029	5-day classroom	Doha	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
5–9 Mar 2029	5-day classroom	Singapore	English	4,750
17–28 Sep 2029	10-day classroom	Dubai	English	8,950
10–14 Dec 2029	5-day online	Live online	English	2,950
11–15 Mar 2030	5-day classroom	Geneva	English	4,750
10–21 Jun 2030	10-day classroom	Dubai	Arabic	8,950
8–12 Sep 2030	5-day classroom	Muscat	English	4,750
18–29 Nov 2030	10-day online	Live online	English	5,450

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