Garnet
Garnet Global Training Center

GGT-CR-106

Corrosion, Coatings & Materials

Corrosion Inhibitors & Chemical Treatment

مثبطات التآكل والمعالجة الكيميائية

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

Overview

Participants in Corrosion Inhibitors & Chemical Treatment 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 Corrosion Inhibitors & Chemical Treatment 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 Inhibitors & Chemical Treatment: principles and standards

- Failure analysis cases
- Regional and international case studies

Day 2 Methods and tools in practice

- Corrosion mechanisms
- Materials selection

Day 3 Diagnosis and problem solving

- Coatings and linings
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Cathodic protection
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Monitoring and inspection
- Measurement and reporting

10-day outline

Day 1 Corrosion Inhibitors & Chemical Treatment: principles and standards

- Failure analysis cases
- Regional and international case studies

Day 2 Methods and tools in practice

- Corrosion mechanisms
- Materials selection

Day 3 Diagnosis and problem solving

- Coatings and linings
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Cathodic protection
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Monitoring and inspection
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
5–9 Apr 2027	5-day classroom	Singapore	English	4,750
9–13 May 2027	5-day classroom	Doha	English	4,750
4–15 Jul 2027	10-day classroom	Cairo	English	8,950
20–24 Dec 2027	5-day online	Live online	Arabic	2,950
20–24 Mar 2028	5-day classroom	Abu Dhabi	Arabic	4,750
2–6 Apr 2028	5-day classroom	Amman	English	4,750
21 Aug – 1 Sep 2028	10-day classroom	Dubai	English	8,950
2–13 Oct 2028	10-day online	Live online	English	5,450
2–6 Apr 2029	5-day classroom	Paris	English	4,750

Dates	Format	City	Language	Fee (USD)
13–24 May 2029	10-day classroom	Jeddah	Arabic	8,950
13–17 Aug 2029	5-day online	Live online	Arabic	2,950
3–7 Dec 2029	5-day classroom	Vienna	English	4,750
19–23 Aug 2030	5-day classroom	Paris	English	4,750
16–27 Sep 2030	10-day online	Live online	Arabic	5,450
7–18 Oct 2030	10-day classroom	Barcelona	English	8,950
2–6 Dec 2030	5-day classroom	London	English	4,750

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