Garnet
Garnet Global Training Center

GGT-CR-105

Corrosion, Coatings & Materials

Internal Corrosion of Pipelines

التآكل الداخلي لخطوط الأنابيب

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

Overview

Internal Corrosion of Pipelines 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. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Internal Corrosion of Pipelines 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

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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 Internal Corrosion of Pipelines: principles and standards

- Failure analysis cases
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Corrosion mechanisms
- Materials selection

Day 3 Diagnosis and problem solving

- Coatings and linings
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Cathodic protection
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Monitoring and inspection
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Internal Corrosion of Pipelines: principles and standards

- Failure analysis cases
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Corrosion mechanisms
- Materials selection

Day 3 Diagnosis and problem solving

- Coatings and linings
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Cathodic protection
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Monitoring and inspection
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
11–15 Jan 2027	5-day online	Live online	English	2,950
7–11 Jun 2027	5-day classroom	Vienna	English	4,750
8–12 Aug 2027	5-day classroom	Jeddah	English	4,750
20 Sep – 1 Oct 2027	10-day classroom	London	English	8,950
17–28 Apr 2028	10-day online	Live online	English	5,450
9–13 Jul 2028	5-day classroom	Manama	English	4,750
20 Nov – 1 Dec 2028	10-day classroom	Paris	English	8,950
11–15 Dec 2028	5-day classroom	Abu Dhabi	English	4,750
11–22 Mar 2029	10-day classroom	Jeddah	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day classroom	Singapore	English	4,750
6–10 Aug 2029	5-day online	Live online	Arabic	2,950
15–19 Oct 2029	5-day classroom	Dubai	Arabic	4,750
4–15 Mar 2030	10-day classroom	Dubai	Arabic	8,950
8–12 Apr 2030	5-day classroom	Paris	English	4,750
20–31 May 2030	10-day online	Live online	Arabic	5,450
16–20 Dec 2030	5-day classroom	Abu Dhabi	English	4,750

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