Garnet
Garnet Global Training Center

GGT-OG-105

Oil, Gas & Petrochemicals

Pipeline Integrity & Cathodic Protection

سلامة خطوط الأنابيب والحماية الكاثودية

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

Overview

Participants in Pipeline Integrity & Cathodic Protection practise the methods, tools and standards they need to perform reliably and solve problems on the job. Upstream, midstream and downstream programs built around how plants and fields are actually run. 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 Pipeline Integrity & Cathodic Protection to real tasks.
- 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.
- Follow safe, compliant and documented work practices.

Who should attend

Operations, process, production and integrity engineers, supervisors and technical managers. Practitioners with one to five years of experience benefit most.

Key topics

- Process fundamentals and unit operations
- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection
- Production optimisation and losses
- Field case studies from the region

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 Pipeline Integrity & Cathodic Protection: principles and standards

- API, ASME and ISO standards in practice
- Group discussion and peer review

Day 2 Methods and tools in practice

- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection

Day 3 Diagnosis and problem solving

- Production optimisation and losses
- Measurement and reporting

Day 4 Quality, safety and documentation

- Field case studies from the region
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Process fundamentals and unit operations
- Common mistakes and how to avoid them

10-day outline

Day 1 Pipeline Integrity & Cathodic Protection: principles and standards

- API, ASME and ISO standards in practice
- Group discussion and peer review

Day 2 Methods and tools in practice

- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection

Day 3 Diagnosis and problem solving

- Production optimisation and losses
- Measurement and reporting

Day 4 Quality, safety and documentation

- Field case studies from the region
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Process fundamentals and unit operations
- 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)
11–22 Jan 2027	10-day classroom	Paris	English	8,950
1–5 Mar 2027	5-day classroom	Singapore	English	4,750
5–9 Apr 2027	5-day online	Live online	Arabic	2,950
5–9 Sep 2027	5-day classroom	Cairo	Arabic	4,750
10–14 Jan 2028	5-day classroom	Singapore	English	4,750
17–21 Apr 2028	5-day classroom	Vienna	English	4,750
21 Aug – 1 Sep 2028	10-day online	Live online	Arabic	5,450
17–28 Sep 2028	10-day classroom	Muscat	Arabic	8,950
2–6 Apr 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
13–24 Aug 2029	10-day classroom	Amsterdam	English	8,950
1–5 Oct 2029	5-day online	Live online	English	2,950
16–20 Dec 2029	5-day classroom	Amman	English	4,750
14–18 Jan 2030	5-day classroom	Abu Dhabi	Arabic	4,750
19–23 May 2030	5-day classroom	Kuwait City	English	4,750
19–30 Aug 2030	10-day classroom	Barcelona	English	8,950
14–25 Oct 2030	10-day online	Live online	Arabic	5,450

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