Garnet
Garnet Global Training Center

GGT-OG-136

Oil, Gas & Petrochemicals **New from 2028**

Digital Oilfield & Production Surveillance

الحقول الرقمية ومراقبة الإنتاج

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

Overview

Participants in Digital Oilfield & Production Surveillance 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 Digital Oilfield & Production Surveillance to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

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 Digital Oilfield & Production Surveillance: principles and standards

- Production optimisation and losses
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Field case studies from the region
- Process fundamentals and unit operations

Day 3 Diagnosis and problem solving

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

Day 4 Quality, safety and documentation

- Operating envelopes and troubleshooting
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Integrity, corrosion and inspection
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Digital Oilfield & Production Surveillance: principles and standards

- Production optimisation and losses
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Field case studies from the region
- Process fundamentals and unit operations

Day 3 Diagnosis and problem solving

- API, ASME and ISO standards in practice
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Day 4 Quality, safety and documentation

- Operating envelopes and troubleshooting
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Integrity, corrosion 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)
16–20 Jan 2028	5-day classroom	Cairo	Arabic	4,750
21 Feb – 3 Mar 2028	10-day online	Live online	English	5,450
3–14 Jul 2028	10-day classroom	Amsterdam	English	8,950
16–20 Oct 2028	5-day classroom	Dubai	English	4,750
12–16 Mar 2029	5-day classroom	Casablanca	English	4,750
9–20 Sep 2029	10-day classroom	Riyadh	English	8,950
15–19 Oct 2029	5-day online	Live online	Arabic	2,950
18–22 Nov 2029	5-day classroom	Manama	Arabic	4,750
11–22 Mar 2030	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
21–25 Apr 2030	5-day classroom	Cairo	Arabic	4,750
16–27 Sep 2030	10-day online	Live online	English	5,450
9–13 Dec 2030	5-day classroom	Barcelona	English	4,750

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