Garnet
Garnet Global Training Center

GGT-OG-113

Oil, Gas & Petrochemicals

Gas Turbine Operation in Oil & Gas

تشغيل التوربينات الغازية في صناعة النفط والغاز

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

Overview

Participants in Gas Turbine Operation in Oil & Gas 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 Gas Turbine Operation in Oil & Gas 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

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 Gas Turbine Operation in Oil & Gas: principles and standards

- Process fundamentals and unit operations
- Checklists and templates to take away

Day 2 Methods and tools in practice

- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting

Day 3 Diagnosis and problem solving

- Integrity, corrosion and inspection
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Production optimisation and losses
- Measurement and reporting

Day 5 Workshop, assessment and action plan

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

10-day outline

Day 1 Gas Turbine Operation in Oil & Gas: principles and standards

- Process fundamentals and unit operations
- Checklists and templates to take away

Day 2 Methods and tools in practice

- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting

Day 3 Diagnosis and problem solving

- Integrity, corrosion and inspection
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Production optimisation and losses
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Field case studies from the region
- 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)
15–19 Feb 2027	5-day online	Live online	English	2,950
3–7 May 2027	5-day classroom	Geneva	English	4,750
5–16 Jul 2027	10-day classroom	London	English	8,950
15–19 Nov 2027	5-day classroom	Abu Dhabi	English	4,750
8–19 May 2028	10-day online	Live online	Arabic	5,450
14–18 Aug 2028	5-day classroom	Dubai	Arabic	4,750
20 Nov – 1 Dec 2028	10-day classroom	Barcelona	English	8,950
11–15 Dec 2028	5-day classroom	London	English	4,750
15–19 Jan 2029	5-day classroom	Vienna	English	4,750

Dates	Format	City	Language	Fee (USD)
8–19 Apr 2029	10-day classroom	Amman	Arabic	8,950
4–8 Jun 2029	5-day classroom	Barcelona	English	4,750
17–21 Dec 2029	5-day online	Live online	Arabic	2,950
20–31 Jan 2030	10-day classroom	Jeddah	English	8,950
11–15 Mar 2030	5-day classroom	Geneva	English	4,750
1–12 Jul 2030	10-day online	Live online	Arabic	5,450
11–15 Nov 2030	5-day classroom	Abu Dhabi	Arabic	4,750

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