Garnet
Garnet Global Training Center

GGT-PG-121

Power Generation & Utilities

HRSG Operation & Maintenance

تشغيل وصيانة غلايات استرداد الحرارة (HRSG)

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

Overview

Participants in HRSG Operation & Maintenance practise the methods, tools and standards they need to perform reliably and solve problems on the job. Operation and maintenance of power plants, grids and utility services. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of HRSG Operation & Maintenance 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

Power plant engineers, operators, utility planners and grid specialists. Practitioners with one to five years of experience benefit most.

Key topics

- Thermodynamics and plant performance
- Boilers, turbines and generators
- Grid operation and dispatch
- Reliability and outage planning
- Emissions and environmental compliance
- Plant case studies

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 HRSG Operation & Maintenance: principles and standards
- Boilers, turbines and generators
- Measurement and reporting

Day 2 Methods and tools in practice
- Grid operation and dispatch
- Reliability and outage planning

Day 3 Diagnosis and problem solving
- Emissions and environmental compliance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Plant case studies
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Thermodynamics and plant performance
- Regional and international case studies

10-day outline

Day 1 HRSG Operation & Maintenance: principles and standards
- Boilers, turbines and generators
- Measurement and reporting

Day 2 Methods and tools in practice
- Grid operation and dispatch
- Reliability and outage planning

Day 3 Diagnosis and problem solving
- Emissions and environmental compliance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Plant case studies
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Thermodynamics and plant performance
- Regional and international case studies

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
7–11 Mar 2027	5-day classroom	Riyadh	English	4,750
19–30 Sep 2027	10-day classroom	Jeddah	English	8,950
18–22 Oct 2027	5-day classroom	Istanbul	English	4,750
6–10 Dec 2027	5-day online	Live online	English	2,950
7–18 Feb 2028	10-day online	Live online	Arabic	5,450
14–18 May 2028	5-day classroom	Amman	English	4,750
5–9 Nov 2028	5-day classroom	Doha	English	4,750
4–15 Dec 2028	10-day classroom	Paris	English	8,950
15–26 Jan 2029	10-day classroom	Abu Dhabi	English	8,950

Dates	Format	City	Language	Fee (USD)
18–22 Jun 2029	5-day classroom	London	English	4,750
17–21 Sep 2029	5-day classroom	Istanbul	English	4,750
1–5 Oct 2029	5-day online	Live online	Arabic	2,950
3–14 Jun 2030	10-day classroom	Dubai	English	8,950
8–12 Jul 2030	5-day classroom	London	English	4,750
18–22 Aug 2030	5-day classroom	Amman	Arabic	4,750
16–27 Sep 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/