Garnet
Garnet Global Training Center

GGT-PG-110

Power Generation & Utilities

High Voltage Testing & Commissioning

اختبار وتشغيل معدات الجهد العالي

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

Overview

High Voltage Testing & Commissioning turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Operation and maintenance of power plants, grids and utility services. 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 High Voltage Testing & Commissioning to real tasks.
- Share good practice with your team.
- 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.

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 High Voltage Testing & Commissioning: principles and standards
- Plant case studies
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Thermodynamics and plant performance
- Boilers, turbines and generators

Day 3 Diagnosis and problem solving
- Grid operation and dispatch
- Regional and international case studies

Day 4 Quality, safety and documentation
- Reliability and outage planning
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Emissions and environmental compliance
- Group discussion and peer review

10-day outline

Day 1 High Voltage Testing & Commissioning: principles and standards
- Plant case studies
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Thermodynamics and plant performance
- Boilers, turbines and generators

Day 3 Diagnosis and problem solving
- Grid operation and dispatch
- Regional and international case studies

Day 4 Quality, safety and documentation
- Reliability and outage planning
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Emissions and environmental compliance
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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)
12–23 Apr 2027	10-day classroom	Vienna	English	8,950
7–11 Jun 2027	5-day classroom	Abu Dhabi	English	4,750
16–20 Aug 2027	5-day classroom	Amsterdam	English	4,750
15–19 Nov 2027	5-day online	Live online	English	2,950
20–31 Aug 2028	10-day classroom	Muscat	English	8,950
11–15 Sep 2028	5-day classroom	Vienna	English	4,750
9–13 Oct 2028	5-day classroom	Casablanca	English	4,750
4–15 Dec 2028	10-day online	Live online	Arabic	5,450
11–15 Mar 2029	5-day classroom	Cairo	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
2–6 Apr 2029	5-day classroom	Singapore	English	4,750
20–31 May 2029	10-day classroom	Manama	English	8,950
6–10 Aug 2029	5-day online	Live online	English	2,950
18 Feb – 1 Mar 2030	10-day classroom	Casablanca	Arabic	8,950
17–21 Mar 2030	5-day classroom	Riyadh	Arabic	4,750
1–5 Sep 2030	5-day classroom	Jeddah	Arabic	4,750
2–13 Dec 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/