Garnet
Garnet Global Training Center

GGT-PG-112

Power Generation & Utilities **Rare specialisation**

Nuclear Plant Safety Culture

ثقافة السلامة في المحطات النووية

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

Overview

Participants in Nuclear Plant Safety Culture 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. 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 Nuclear Plant Safety Culture to real tasks.
- 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.
- Diagnose common problems and identify root causes.

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 Nuclear Plant Safety Culture: principles and standards

- Boilers, turbines and generators
- Regional and international case studies

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
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Plant case studies
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Thermodynamics and plant performance
- Measurement and reporting

10-day outline

Day 1 Nuclear Plant Safety Culture: principles and standards

- Boilers, turbines and generators
- Regional and international case studies

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
- Checklists and templates to take away

Day 4 Quality, safety and documentation

- Plant case studies
- Group discussion and peer review

Day 5 Workshop, assessment and action plan

- Thermodynamics and plant performance
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
7–18 Mar 2027	10-day classroom	Cairo	English	8,950
14–18 Jun 2027	5-day classroom	Istanbul	English	4,750
5–9 Jul 2027	5-day online	Live online	Arabic	2,950
13–17 Sep 2027	5-day classroom	London	English	4,750
14–25 Feb 2028	10-day classroom	Singapore	English	8,950
2–6 Apr 2028	5-day classroom	Riyadh	Arabic	4,750
17–28 Jul 2028	10-day online	Live online	Arabic	5,450
7–11 Aug 2028	5-day classroom	Amsterdam	English	4,750
20–24 May 2029	5-day classroom	Jeddah	English	4,750

Dates	Format	City	Language	Fee (USD)
11–22 Jun 2029	10-day classroom	Abu Dhabi	English	8,950
17–21 Sep 2029	5-day online	Live online	Arabic	2,950
10–14 Dec 2029	5-day classroom	Dubai	Arabic	4,750
7–11 Jan 2030	5-day classroom	Paris	English	4,750
3–14 Mar 2030	10-day classroom	Riyadh	Arabic	8,950
19–30 Aug 2030	10-day online	Live online	English	5,450
18–22 Nov 2030	5-day classroom	Casablanca	English	4,750

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