Garnet
Garnet Global Training Center

GGT-PG-125

Power Generation & Utilities

Power Plant Maintenance Planning

تخطيط صيانة محطات الكهرباء

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

Overview

Power Plant Maintenance Planning helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. 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

- Set up and run Power Plant Maintenance Planning as a managed process with clear roles.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.

Who should attend

Power plant engineers, operators, utility planners and grid specialists. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Power Plant Maintenance Planning: the management framework

- Emissions and environmental compliance
- Checklists and templates to take away

Day 2 Planning, resources and budgets

- Plant case studies
- Thermodynamics and plant performance

Day 3 Performance measurement and control

- Boilers, turbines and generators
- Group discussion and peer review

Day 4 Risk, compliance and improvement

- Grid operation and dispatch
- Measurement and reporting

Day 5 Management case study and action plan

- Reliability and outage planning
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Power Plant Maintenance Planning: the management framework

- Emissions and environmental compliance
- Checklists and templates to take away

Day 2 Planning, resources and budgets

- Plant case studies
- Thermodynamics and plant performance

Day 3 Performance measurement and control

- Boilers, turbines and generators
- Group discussion and peer review

Day 4 Risk, compliance and improvement

- Grid operation and dispatch
- Measurement and reporting

Day 5 Management case study and action plan

- Reliability and outage planning
- 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)
1–5 Feb 2027	5-day online	Live online	English	2,950
1–12 Mar 2027	10-day classroom	Dubai	English	8,950
18–22 Oct 2027	5-day classroom	London	English	4,750
7–11 Nov 2027	5-day classroom	Amman	English	4,750
3–14 Jan 2028	10-day online	Live online	English	5,450
12–16 Mar 2028	5-day classroom	Doha	English	4,750
16–27 Jul 2028	10-day classroom	Cairo	English	8,950
20–24 Nov 2028	5-day classroom	Amsterdam	English	4,750
13–17 May 2029	5-day classroom	Doha	English	4,750

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day online	Live online	Arabic	2,950
1–5 Jul 2029	5-day classroom	Cairo	Arabic	4,750
20–31 Aug 2029	10-day classroom	Dubai	English	8,950
11–22 Mar 2030	10-day online	Live online	Arabic	5,450
7–18 Apr 2030	10-day classroom	Riyadh	Arabic	8,950
17–21 Jun 2030	5-day classroom	Dubai	Arabic	4,750
15–19 Dec 2030	5-day classroom	Amman	English	4,750

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