



Power Plant Operation & Maintenance

Energy, Power & Renewables

QGT-ENR-101 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Power Plant Operation & Maintenance is an introduction that builds a solid working knowledge in Power Plant Operation & Maintenance. It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Power Plant Operation & Maintenance
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for power plant staff, energy managers, sustainability teams and engineers, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Power Plant Operation & Maintenance fits into daily operations

Day 2: Codes, standards and requirements

What IEC, ISO 50001, GHG Protocol and IEA guidance require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
29 Mar – 2 Apr 2027	Budapest	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Athens	Classroom	10 days	\$9,900
7–11 Jun 2027	Milan	Classroom	5 days	\$5,500
5–16 Jul 2027	Cape Town	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
20–24 Mar 2028	Kigali	Classroom	5 days	\$5,500
15–26 May 2028	Amsterdam	Classroom	10 days	\$9,900
17–21 Jul 2028	Lisbon	Classroom	5 days	\$5,500
2–13 Oct 2028	Luanda	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Athens	Classroom	5 days	\$5,500
16–27 Apr 2029	Istanbul	Classroom	10 days	\$9,900
10–14 Sep 2029	Johannesburg	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2029	Muscat	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Prague	Classroom	5 days	\$5,500
13–24 May 2030	Abu Dhabi	Classroom	10 days	\$9,900
10–14 Jun 2030	Barcelona	Classroom	5 days	\$5,500
24 Jun – 5 Jul 2030	Vienna	Classroom	10 days	\$9,900
23–27 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/power-plant-operation-and-maintenance/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

