



Nuclear Power Fundamentals: Practical Workshop

Energy, Power & Renewables

QGT-ENR-153 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Nuclear Power Fundamentals: Practical Workshop is a hands-on workshop built around exercises and real site problems in Nuclear Power Fundamentals. 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 Nuclear Power Fundamentals
- 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 who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Nuclear Power Fundamentals scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
28 Mar – 1 Apr 2027	Manama	Classroom	5 days	\$5,500
12–23 Apr 2027	Abu Dhabi	Classroom	10 days	\$9,900
3–7 May 2027	Houston	Classroom	5 days	\$5,500
14–25 Jun 2027	Lagos	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jan 2028	Dubai	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Munich	Classroom	10 days	\$9,900
3–7 Jul 2028	Istanbul	Classroom	5 days	\$5,500
14–25 Aug 2028	Tbilisi	Classroom	10 days	\$9,900
18–22 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
26 Feb – 2 Mar 2029	Edinburgh	Classroom	5 days	\$5,500
2–13 Jul 2029	Kigali	Classroom	10 days	\$9,900
15–19 Jul 2029	Algiers	Classroom	5 days	\$5,500
3–14 Sep 2029	Baku	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Vienna	Classroom	5 days	\$5,500
15–26 Apr 2030	Dublin	Classroom	10 days	\$9,900
6–10 May 2030	Sharjah	Classroom	5 days	\$5,500
13–24 May 2030	Zurich	Classroom	10 days	\$9,900
14–18 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/nuclear-power-fundamentals-practical-workshop/>

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