



Process Plant Operations: Practical Workshop

Process & Chemical Engineering

QGT-PRC-145 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Process Plant Operations: Practical Workshop is a hands-on workshop built around exercises and real site problems in Process Plant Operations. It covers the principles, the requirements of API, AIChE/CCPS guidelines and licensor practice, 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 Process Plant Operations
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor practice
- 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 process engineers, chemical engineers, operators and laboratory staff 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 Process Plant Operations 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
24–28 Jan 2027	Riyadh	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Prague	Classroom	10 days	\$9,900
10–14 May 2027	Johannesburg	Classroom	5 days	\$5,500
11–22 Oct 2027	Tunis	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
16–20 Jan 2028	Kuwait City	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Lagos	Classroom	10 days	\$9,900
12–16 Mar 2028	Cairo	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Abu Dhabi	Classroom	10 days	\$9,900
11–15 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Istanbul	Classroom	5 days	\$5,500
29 Apr – 10 May 2029	Doha	Classroom	10 days	\$9,900
16–20 Jul 2029	Dublin	Classroom	5 days	\$5,500
3–14 Sep 2029	Barcelona	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
17–21 Feb 2030	Kuwait City	Classroom	5 days	\$5,500
6–17 May 2030	Frankfurt	Classroom	10 days	\$9,900
19–23 May 2030	Algiers	Classroom	5 days	\$5,500
7–18 Jul 2030	Manama	Classroom	10 days	\$9,900
15–19 Jul 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-plant-operations-practical-workshop/>

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