



Process Troubleshooting & Problem Solving: Practical Workshop

Process & Chemical Engineering

QGT-PRC-162 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Process Troubleshooting & Problem Solving: Practical Workshop is a hands-on workshop built around exercises and real site problems in Process Troubleshooting & Problem Solving. 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 Troubleshooting & Problem Solving
- 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 Troubleshooting & Problem Solving 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
23–27 May 2027	Dammam	Classroom	5 days	\$5,500
9–20 Aug 2027	Beirut	Classroom	10 days	\$9,900
23–27 Aug 2027	Kuala Lumpur	Classroom	5 days	\$5,500
20 Sep – 1 Oct 2027	Copenhagen	Classroom	10 days	\$9,900
22–26 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Johannesburg	Classroom	5 days	\$5,500
10–21 Apr 2028	Toronto	Classroom	10 days	\$9,900
14–18 May 2028	Salalah	Classroom	5 days	\$5,500
18–29 Jun 2028	Alexandria	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	London	Classroom	5 days	\$5,500
15–26 Jan 2029	Milan	Classroom	10 days	\$9,900
7–11 May 2029	Kigali	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2029	Salalah	Classroom	10 days	\$9,900
5–9 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2030	Barcelona	Classroom	5 days	\$5,500
3–14 Mar 2030	Al Khobar	Classroom	10 days	\$9,900
5–9 May 2030	Jeddah	Classroom	5 days	\$5,500
20–31 May 2030	Dublin	Classroom	10 days	\$9,900
19–23 Aug 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-troubleshooting-and-problem-solving-practical-workshop>

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