



Process Plant Operations

Process & Chemical Engineering

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

Course overview

Process Plant Operations is an introduction that builds a solid working knowledge 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, 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 Process Plant Operations fits into daily operations

Day 2: Codes, standards and requirements

What API, AIChE/CCPS guidelines and licensor practice 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
1–5 Mar 2027	Lisbon	Classroom	5 days	\$5,500
7–18 Jun 2027	Toronto	Classroom	10 days	\$9,900
16–20 Aug 2027	Brussels	Classroom	5 days	\$5,500
6–17 Sep 2027	Dubai	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Madrid	Classroom	5 days	\$5,500
30 Apr – 11 May 2028	Al Khobar	Classroom	10 days	\$9,900
19–23 Jun 2028	Kigali	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Singapore	Classroom	10 days	\$9,900
11–15 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Mar 2029	Stockholm	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Frankfurt	Classroom	10 days	\$9,900
9–13 Jul 2029	Kigali	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Bangkok	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
24–28 Mar 2030	Jeddah	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Paris	Classroom	10 days	\$9,900
13–17 May 2030	Stockholm	Classroom	5 days	\$5,500
20–31 Oct 2030	Muscat	Classroom	10 days	\$9,900
2–6 Dec 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/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

