



Fertilizer & Ammonia Production: Practical Workshop

Process & Chemical Engineering

QGT-PRC-159 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Fertilizer & Ammonia Production: Practical Workshop is a hands-on workshop built around exercises and real site problems in Fertilizer & Ammonia Production. 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 Fertilizer & Ammonia Production
- 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 Fertilizer & Ammonia Production 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
8–12 Feb 2027	Baku	Classroom	5 days	\$5,500
28 Feb – 11 Mar 2027	Al Khobar	Classroom	10 days	\$9,900
18–22 Oct 2027	Dublin	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Accra	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jan 2028	Amsterdam	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Brussels	Classroom	10 days	\$9,900
1–5 May 2028	Abu Dhabi	Classroom	5 days	\$5,500
17–28 Jul 2028	Barcelona	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Baku	Classroom	5 days	\$5,500
18–29 Mar 2029	Doha	Classroom	10 days	\$9,900
26–30 Mar 2029	Johannesburg	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2029	Algiers	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Jun 2030	Marrakech	Classroom	5 days	\$5,500
23 Jun – 4 Jul 2030	Jeddah	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Cape Town	Classroom	5 days	\$5,500
7–18 Oct 2030	Athens	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/fertilizer-and-ammonia-production-practical-workshop/>

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