



Fertilizer & Ammonia Production

Process & Chemical Engineering

QGT-PRC-115 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Fertilizer & Ammonia Production is an introduction that builds a solid working knowledge 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, 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 Fertilizer & Ammonia Production 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
14–18 Feb 2027	Alexandria	Classroom	5 days	\$5,500
14–25 Mar 2027	Manama	Classroom	10 days	\$9,900
17–21 May 2027	London	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Stockholm	Classroom	10 days	\$9,900
13–17 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
27 Feb – 2 Mar 2028	Cairo	Classroom	5 days	\$5,500
17–28 Apr 2028	Amsterdam	Classroom	10 days	\$9,900
14–18 Aug 2028	Toronto	Classroom	5 days	\$5,500
6–17 Nov 2028	Sharjah	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Bangkok	Classroom	5 days	\$5,500
16–27 Apr 2029	Paris	Classroom	10 days	\$9,900
14–18 May 2029	Marrakech	Classroom	5 days	\$5,500
11–22 Jun 2029	Amsterdam	Classroom	10 days	\$9,900
16–20 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
27–31 Jan 2030	Algiers	Classroom	5 days	\$5,500
3–14 Feb 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
18–22 Feb 2030	Manchester	Classroom	5 days	\$5,500
5–16 Aug 2030	Beirut	Classroom	10 days	\$9,900
30 Sep – 4 Oct 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/>

WhatsApp: +971 50 697 0908

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