



Centrifugal Compressors Operation & Maintenance

Mechanical & Rotating Equipment

QGT-MEC-102 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Centrifugal Compressors Operation & Maintenance is an introduction that builds a solid working knowledge in Centrifugal Compressors Operation & Maintenance. It covers the principles, the requirements of API 610/617/618, ASME and ISO standards, 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 Centrifugal Compressors Operation & Maintenance
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- 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 mechanical engineers, technicians, supervisors and maintenance 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 Centrifugal Compressors Operation & Maintenance fits into daily operations

Day 2: Codes, standards and requirements

What API 610/617/618, ASME and ISO standards 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
12–16 Apr 2027	Stockholm	Classroom	5 days	\$5,500
19–30 Jul 2027	Milan	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Casablanca	Classroom	5 days	\$5,500
26 Sep – 7 Oct 2027	Jeddah	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Mar 2028	Singapore	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Kigali	Classroom	10 days	\$9,900
20–24 Aug 2028	Salalah	Classroom	5 days	\$5,500
28 Aug – 8 Sep 2028	Berlin	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Mar 2029	Casablanca	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Prague	Classroom	10 days	\$9,900
23–27 Apr 2029	Brussels	Classroom	5 days	\$5,500
3–14 Sep 2029	Kuala Lumpur	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2030	Istanbul	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Manchester	Classroom	10 days	\$9,900
6–10 May 2030	Milan	Classroom	5 days	\$5,500
7–18 Oct 2030	Nairobi	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/centrifugal-compressors-operation-and-maintenance/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

