



Centrifugal Compressors Operation & Maintenance: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-152 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Centrifugal Compressors Operation & Maintenance: Practical Workshop is a hands-on workshop built around exercises and real site problems 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 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 Centrifugal Compressors Operation & Maintenance 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
18–22 Jan 2027	Barcelona	Classroom	5 days	\$5,500
21 Feb – 4 Mar 2027	Muscat	Classroom	10 days	\$9,900
18–22 Apr 2027	Salalah	Classroom	5 days	\$5,500
14–25 Jun 2027	Berlin	Classroom	10 days	\$9,900
9–13 Aug 2027	Online (live)	Online (live)	5 days	\$3,000
8–12 May 2028	Barcelona	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Nairobi	Classroom	10 days	\$9,900
21–25 Aug 2028	Cape Town	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Copenhagen	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Singapore	Classroom	5 days	\$5,500
28 Jan – 8 Feb 2029	Sharm El Sheikh	Classroom	10 days	\$9,900
23–27 Apr 2029	Milan	Classroom	5 days	\$5,500
17–28 Sep 2029	Kuala Lumpur	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
20–24 Jan 2030	Kuwait City	Classroom	5 days	\$5,500
28 Jan – 8 Feb 2030	London	Classroom	10 days	\$9,900
18–22 Mar 2030	Kuala Lumpur	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Edinburgh	Classroom	10 days	\$9,900
29 Apr – 3 May 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-practical-workshop/>

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