



Reciprocating Compressors: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-153 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Reciprocating Compressors: Practical Workshop is a hands-on workshop built around exercises and real site problems in Reciprocating Compressors. 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 Reciprocating Compressors
- 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 Reciprocating Compressors 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
7–11 Mar 2027	Sharm El Sheikh	Classroom	5 days	\$5,500
29 Mar – 9 Apr 2027	Amsterdam	Classroom	10 days	\$9,900
14–18 Jun 2027	Singapore	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Istanbul	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Barcelona	Classroom	5 days	\$5,500
28 Aug – 8 Sep 2028	London	Classroom	10 days	\$9,900
18–22 Sep 2028	Kigali	Classroom	5 days	\$5,500
13–24 Nov 2028	Munich	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2029	Kuwait City	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Barcelona	Classroom	10 days	\$9,900
17–21 Sep 2029	Amsterdam	Classroom	5 days	\$5,500
15–26 Oct 2029	Milan	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2030	Stockholm	Classroom	5 days	\$5,500
18–29 Mar 2030	Prague	Classroom	10 days	\$9,900
1–5 Jul 2030	Nairobi	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Brussels	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/reciprocating-compressors-practical-workshop/>

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