



Valves: Selection, Operation & Maintenance: Advanced Level

Mechanical & Rotating Equipment

QGT-MEC-135 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Valves: Selection, Operation & Maintenance: Advanced Level is an advanced programme for experienced practitioners in Valves: Selection, 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 Valves: Selection, Operation & Maintenance
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API 610/617/618, ASME and ISO standards

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
28 Feb – 11 Mar 2027	Manama	Classroom	10 days	\$9,900
18–22 Apr 2027	Dammam	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Tunis	Classroom	10 days	\$9,900
15–19 Nov 2027	Dublin	Classroom	5 days	\$5,500
29 Nov – 10 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
31 Jan – 11 Feb 2028	Cape Town	Classroom	10 days	\$9,900
8–12 May 2028	Dublin	Classroom	5 days	\$5,500
5–16 Jun 2028	Barcelona	Classroom	10 days	\$9,900
22–26 Oct 2028	Doha	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
22 Jan – 2 Feb 2029	Kigali	Classroom	10 days	\$9,900
11–15 Mar 2029	Muscat	Classroom	5 days	\$5,500
11–22 Jun 2029	Amsterdam	Classroom	10 days	\$9,900
15–19 Jul 2029	Al Khobar	Classroom	5 days	\$5,500
17–28 Sep 2029	Online (live)	Online (live)	10 days	\$5,500
11–22 Feb 2030	Rome	Classroom	10 days	\$9,900
25 Feb – 1 Mar 2030	Tunis	Classroom	5 days	\$5,500
27 May – 7 Jun 2030	Houston	Classroom	10 days	\$9,900
24–28 Jun 2030	Lisbon	Classroom	5 days	\$5,500
14–25 Oct 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/valves-selection-operation-and-maintenance-advanced-level>

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