



Valves: Selection, Operation & Maintenance

Mechanical & Rotating Equipment

QGT-MEC-110 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Valves: Selection, Operation & Maintenance is an introduction that builds a solid working knowledge 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
- 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 Valves: Selection, 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
8–12 Feb 2027	Manchester	Classroom	5 days	\$5,500
19–30 Apr 2027	Prague	Classroom	10 days	\$9,900
17–21 May 2027	Barcelona	Classroom	5 days	\$5,500
6–17 Jun 2027	Al Khobar	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
27–31 Mar 2028	Vienna	Classroom	5 days	\$5,500
17–28 Apr 2028	Singapore	Classroom	10 days	\$9,900
23–27 Apr 2028	Jeddah	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Barcelona	Classroom	10 days	\$9,900
24–28 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2029	Dammam	Classroom	5 days	\$5,500
7–18 May 2029	Tbilisi	Classroom	10 days	\$9,900
8–12 Jul 2029	Sharm El Sheikh	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Prague	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Mar 2030	Berlin	Classroom	5 days	\$5,500
1–12 Sep 2030	Algiers	Classroom	10 days	\$9,900
23–27 Sep 2030	Frankfurt	Classroom	5 days	\$5,500
17–28 Nov 2030	Amman	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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