



Mechanical Seals & Sealing Systems

Mechanical & Rotating Equipment

QGT-MEC-106 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Mechanical Seals & Sealing Systems is an introduction that builds a solid working knowledge in Mechanical Seals & Sealing Systems. 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 Mechanical Seals & Sealing Systems
- 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 Mechanical Seals & Sealing Systems 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
7–11 Feb 2027	Erbil	Classroom	5 days	\$5,500
28 Mar – 8 Apr 2027	Algiers	Classroom	10 days	\$9,900
24–28 May 2027	Cape Town	Classroom	5 days	\$5,500
4–15 Jul 2027	Amman	Classroom	10 days	\$9,900
26–30 Jul 2027	Online (live)	Online (live)	5 days	\$3,000
5–9 Jun 2028	Manchester	Classroom	5 days	\$5,500
18–29 Jun 2028	Muscat	Classroom	10 days	\$9,900
26–30 Jun 2028	Singapore	Classroom	5 days	\$5,500
3–14 Jul 2028	Casablanca	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Nairobi	Classroom	5 days	\$5,500
4–15 Mar 2029	Algiers	Classroom	10 days	\$9,900
3–7 Sep 2029	Lagos	Classroom	5 days	\$5,500
15–26 Oct 2029	Cape Town	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Mar 2030	Singapore	Classroom	5 days	\$5,500
5–16 Aug 2030	Houston	Classroom	10 days	\$9,900
12–16 Aug 2030	London	Classroom	5 days	\$5,500
29 Sep – 10 Oct 2030	Alexandria	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/mechanical-seals-and-sealing-systems/>

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