



Mechanical Seals & Sealing Systems: Advanced Level

Mechanical & Rotating Equipment

QGT-MEC-131 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Mechanical Seals & Sealing Systems: Advanced Level is an advanced programme for experienced practitioners 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
- 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
22 Mar – 2 Apr 2027	Edinburgh	Classroom	10 days	\$9,900
19–23 Apr 2027	Johannesburg	Classroom	5 days	\$5,500
9–20 May 2027	Salalah	Classroom	10 days	\$9,900
9–13 Aug 2027	Luanda	Classroom	5 days	\$5,500
15–26 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
28 Feb – 10 Mar 2028	Bangkok	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Luanda	Classroom	5 days	\$5,500
21 Aug – 1 Sep 2028	Istanbul	Classroom	10 days	\$9,900
25–29 Sep 2028	Stockholm	Classroom	5 days	\$5,500
23 Oct – 3 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
8–19 Jan 2029	Abu Dhabi	Classroom	10 days	\$9,900
5–9 Feb 2029	Barcelona	Classroom	5 days	\$5,500
18–29 Jun 2029	London	Classroom	10 days	\$9,900
27–31 Aug 2029	Sharjah	Classroom	5 days	\$5,500
3–14 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
6–17 May 2030	Houston	Classroom	10 days	\$9,900
13–17 May 2030	Lagos	Classroom	5 days	\$5,500
10–21 Jun 2030	Singapore	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Stockholm	Classroom	5 days	\$5,500
11–22 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

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

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