



Centrifugal Pumps: Operation & Troubleshooting: Advanced Level

Mechanical & Rotating Equipment

QGT-MEC-126 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Centrifugal Pumps: Operation & Troubleshooting: Advanced Level is an advanced programme for experienced practitioners in Centrifugal Pumps: Operation & Troubleshooting. 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 Centrifugal Pumps: Operation & Troubleshooting
- 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
5–16 Apr 2027	Kuala Lumpur	Classroom	10 days	\$9,900
15–19 Aug 2027	Amman	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Stockholm	Classroom	10 days	\$9,900
3–7 Oct 2027	Kuwait City	Classroom	5 days	\$5,500
1–12 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
21 Feb – 3 Mar 2028	Stockholm	Classroom	10 days	\$9,900
27–31 Mar 2028	Accra	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2028	Erbil	Classroom	10 days	\$9,900
14–18 Aug 2028	Sharjah	Classroom	5 days	\$5,500
13–24 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
18 Feb – 1 Mar 2029	Al Khobar	Classroom	10 days	\$9,900
26 Feb – 2 Mar 2029	Bangkok	Classroom	5 days	\$5,500
20–31 May 2029	Manama	Classroom	10 days	\$9,900
9–13 Jul 2029	Edinburgh	Classroom	5 days	\$5,500
5–16 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
10–21 Feb 2030	Alexandria	Classroom	10 days	\$9,900
15–19 Apr 2030	Amsterdam	Classroom	5 days	\$5,500
19–30 May 2030	Amman	Classroom	10 days	\$9,900
9–13 Jun 2030	Algiers	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/centrifugal-pumps-operation-and-troubleshooting-advanced>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

