



Centrifugal Pumps: Operation & Troubleshooting: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-151 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Centrifugal Pumps: Operation & Troubleshooting: Practical Workshop is a hands-on workshop built around exercises and real site problems 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
- 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 who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Centrifugal Pumps: Operation & Troubleshooting scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
5–9 Jul 2027	Zurich	Classroom	5 days	\$5,500
12–23 Jul 2027	Prague	Classroom	10 days	\$9,900
15–19 Aug 2027	Al Khobar	Classroom	5 days	\$5,500
29 Aug – 9 Sep 2027	Erbil	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
30 Jan – 3 Feb 2028	Amman	Classroom	5 days	\$5,500
19–30 Mar 2028	Cairo	Classroom	10 days	\$9,900
11–15 Jun 2028	Alexandria	Classroom	5 days	\$5,500
3–14 Jul 2028	Beirut	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Mar 2029	Kigali	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2029	Amman	Classroom	10 days	\$9,900
11–15 Jun 2029	Houston	Classroom	5 days	\$5,500
9–20 Sep 2029	Manama	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
5–9 May 2030	Doha	Classroom	5 days	\$5,500
13–24 May 2030	Geneva	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Berlin	Classroom	5 days	\$5,500
14–25 Oct 2030	Vienna	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/centrifugal-pumps-operation-and-troubleshooting-practical>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

