



Heat Exchangers Design & Maintenance: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-161 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Heat Exchangers Design & Maintenance: Practical Workshop is a hands-on workshop built around exercises and real site problems in Heat Exchangers Design & 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 Heat Exchangers Design & 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 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 Heat Exchangers Design & Maintenance 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
29 Mar – 2 Apr 2027	Marrakech	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Cape Town	Classroom	10 days	\$9,900
26–30 Jul 2027	Casablanca	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Abu Dhabi	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
13–17 Mar 2028	Lagos	Classroom	5 days	\$5,500
17–28 Jul 2028	Singapore	Classroom	10 days	\$9,900
7–11 Aug 2028	Nairobi	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Brussels	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
23–27 Apr 2029	Rome	Classroom	5 days	\$5,500
7–18 May 2029	Frankfurt	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Baku	Classroom	5 days	\$5,500
10–21 Sep 2029	Vienna	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Brussels	Classroom	5 days	\$5,500
11–22 Feb 2030	Accra	Classroom	10 days	\$9,900
22–26 Jul 2030	Sharjah	Classroom	5 days	\$5,500
5–16 Aug 2030	Manchester	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/heat-exchangers-design-and-maintenance-practical-workshop>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

