



Thermal Insulation for Mechanical Systems: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-171 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Thermal Insulation for Mechanical Systems: Practical Workshop is a hands-on workshop built around exercises and real site problems in Thermal Insulation for Mechanical 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 Thermal Insulation for Mechanical 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 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 Thermal Insulation for Mechanical Systems 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
11–15 Jan 2027	Tbilisi	Classroom	5 days	\$5,500
22 Feb – 5 Mar 2027	Brussels	Classroom	10 days	\$9,900
22–26 Mar 2027	Budapest	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Dubai	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
27–31 Mar 2028	Lagos	Classroom	5 days	\$5,500
7–18 Aug 2028	Tbilisi	Classroom	10 days	\$9,900
21–25 Aug 2028	Prague	Classroom	5 days	\$5,500
28 Aug – 8 Sep 2028	Vienna	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
6–10 May 2029	Algiers	Classroom	5 days	\$5,500
20–31 May 2029	Sharm El Sheikh	Classroom	10 days	\$9,900
23–27 Jul 2029	Kuala Lumpur	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2029	Doha	Classroom	10 days	\$9,900
15–19 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
28 Apr – 2 May 2030	Amman	Classroom	5 days	\$5,500
13–24 May 2030	Vienna	Classroom	10 days	\$9,900
22–26 Jul 2030	Prague	Classroom	5 days	\$5,500
19–30 Aug 2030	Milan	Classroom	10 days	\$9,900
26–30 Aug 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/thermal-insulation-for-mechanical-systems-practical-worksheets>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

