



Fired Heaters & Furnaces: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-175 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Fired Heaters & Furnaces: Practical Workshop is a hands-on workshop built around exercises and real site problems in Fired Heaters & Furnaces. 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 Fired Heaters & Furnaces
- 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 Fired Heaters & Furnaces 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
22–26 Feb 2027	Baku	Classroom	5 days	\$5,500
5–16 Apr 2027	Accra	Classroom	10 days	\$9,900
10–14 Oct 2027	Jeddah	Classroom	5 days	\$5,500
17–28 Oct 2027	Manama	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
13–17 Mar 2028	Accra	Classroom	5 days	\$5,500
12–23 Jun 2028	Brussels	Classroom	10 days	\$9,900
10–14 Jul 2028	Abu Dhabi	Classroom	5 days	\$5,500
23 Jul – 3 Aug 2028	Amman	Classroom	10 days	\$9,900
14–18 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2029	Erbil	Classroom	5 days	\$5,500
16–27 Apr 2029	Geneva	Classroom	10 days	\$9,900
21–25 May 2029	Budapest	Classroom	5 days	\$5,500
4–15 Jun 2029	Lagos	Classroom	10 days	\$9,900
23–27 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2030	Vienna	Classroom	5 days	\$5,500
8–19 Apr 2030	Barcelona	Classroom	10 days	\$9,900
3–7 Jun 2030	Berlin	Classroom	5 days	\$5,500
23 Jun – 4 Jul 2030	Manama	Classroom	10 days	\$9,900
1–5 Jul 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/fired-heaters-and-furnaces-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

