



Fired Heaters & Furnaces Masterclass

Mechanical & Rotating Equipment

QGT-MEC-200 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Fired Heaters & Furnaces Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for mechanical engineers, technicians, supervisors and maintenance staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Fired Heaters & Furnaces

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
21–25 Jun 2027	Baku	Classroom	5 days	\$5,500
11–22 Jul 2027	Muscat	Classroom	10 days	\$9,900
9–13 Aug 2027	Vienna	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Johannesburg	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 Feb 2028	Paris	Classroom	5 days	\$5,500
7–18 May 2028	Sharm El Sheikh	Classroom	10 days	\$9,900
22–26 May 2028	Stockholm	Classroom	5 days	\$5,500
18–29 Jun 2028	Dammam	Classroom	10 days	\$9,900
24–28 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Mar 2029	Munich	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Cape Town	Classroom	10 days	\$9,900
27–31 May 2029	Erbil	Classroom	5 days	\$5,500
23 Jul – 3 Aug 2029	Toronto	Classroom	10 days	\$9,900
6–10 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Johannesburg	Classroom	5 days	\$5,500
11–22 Mar 2030	Lagos	Classroom	10 days	\$9,900
28 Apr – 2 May 2030	Dammam	Classroom	5 days	\$5,500
3–14 Jun 2030	Dublin	Classroom	10 days	\$9,900
25–29 Nov 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-masterclass/>

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