



Heat Treatment of Metals Masterclass

Welding, NDT & Materials

QGT-WLD-187 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Heat Treatment of Metals Masterclass is a senior-level masterclass on strategy and performance in Heat Treatment of Metals. It covers the principles, the requirements of AWS D1.1, ASME IX, ISO 9712 and ASNT SNT-TC-1A, 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 Treatment of Metals
- Apply the relevant requirements of AWS D1.1, ASME IX, ISO 9712 and ASNT SNT-TC-1A
- 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 welding engineers, inspectors, NDT technicians and materials specialists in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Heat Treatment of Metals

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
14–18 Feb 2027	Riyadh	Classroom	5 days	\$5,500
22 Feb – 5 Mar 2027	Dublin	Classroom	10 days	\$9,900
29 Mar – 2 Apr 2027	Frankfurt	Classroom	5 days	\$5,500
5–16 Apr 2027	Toronto	Classroom	10 days	\$9,900
21–25 Jun 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Amman	Classroom	5 days	\$5,500
31 Jan – 11 Feb 2028	Accra	Classroom	10 days	\$9,900
5–9 Mar 2028	Doha	Classroom	5 days	\$5,500
13–24 Aug 2028	Riyadh	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Houston	Classroom	5 days	\$5,500
9–20 Apr 2029	Manchester	Classroom	10 days	\$9,900
14–18 May 2029	Luanda	Classroom	5 days	\$5,500
20–31 May 2029	Dammam	Classroom	10 days	\$9,900
25–29 Jun 2029	Online (live)	Online (live)	5 days	\$3,000
17–21 Mar 2030	Cairo	Classroom	5 days	\$5,500
19–30 May 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
7–11 Oct 2030	Houston	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Paris	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/heat-treatment-of-metals-masterclass/>

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