



Magnetic Particle Testing (MT): Practical Workshop

Welding, NDT & Materials

QGT-WLD-157 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Magnetic Particle Testing (MT): Practical Workshop is a hands-on workshop built around exercises and real site problems in Magnetic Particle Testing (MT). 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 Magnetic Particle Testing (MT)
- 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for welding engineers, inspectors, NDT technicians and materials specialists 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 Magnetic Particle Testing (MT) 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
17–21 May 2027	Barcelona	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Beirut	Classroom	10 days	\$9,900
16–20 Aug 2027	Johannesburg	Classroom	5 days	\$5,500
12–23 Sep 2027	Cairo	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Mar 2028	Lagos	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Luanda	Classroom	10 days	\$9,900
3–7 Apr 2028	Beirut	Classroom	5 days	\$5,500
12–23 Jun 2028	Cape Town	Classroom	10 days	\$9,900
10–14 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	Edinburgh	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Vienna	Classroom	10 days	\$9,900
9–13 Jul 2029	Marrakech	Classroom	5 days	\$5,500
3–14 Sep 2029	Sharjah	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Lagos	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Paris	Classroom	10 days	\$9,900
1–5 Sep 2030	Erbil	Classroom	5 days	\$5,500
14–25 Oct 2030	Prague	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/magnetic-particle-testing-mt-practical-workshop/>

WhatsApp: +971 50 697 0908

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