



Liquid Penetrant Testing (PT) Masterclass

Welding, NDT & Materials

QGT-WLD-181 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Liquid Penetrant Testing (PT) Masterclass is a senior-level masterclass on strategy and performance in Liquid Penetrant Testing (PT). 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 Liquid Penetrant Testing (PT)
- 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 Liquid Penetrant Testing (PT)

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
18–22 Jan 2027	Houston	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	Frankfurt	Classroom	10 days	\$9,900
11–15 Jul 2027	Erbil	Classroom	5 days	\$5,500
13–24 Sep 2027	Berlin	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Mar 2028	Athens	Classroom	5 days	\$5,500
13–24 Mar 2028	Casablanca	Classroom	10 days	\$9,900
17–21 Jul 2028	Toronto	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Budapest	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Berlin	Classroom	5 days	\$5,500
12–23 Feb 2029	Manchester	Classroom	10 days	\$9,900
12–16 Mar 2029	Rome	Classroom	5 days	\$5,500
15–26 Jul 2029	Alexandria	Classroom	10 days	\$9,900
13–17 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Jul 2030	Rome	Classroom	5 days	\$5,500
25 Aug – 5 Sep 2030	Salalah	Classroom	10 days	\$9,900
9–13 Sep 2030	Manchester	Classroom	5 days	\$5,500
14–25 Oct 2030	Beirut	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/liquid-penetrant-testing-pt-masterclass/>

WhatsApp: +971 50 697 0908

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