



Liquid Penetrant Testing (PT): Practical Workshop

Welding, NDT & Materials

QGT-WLD-158 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Liquid Penetrant Testing (PT): Practical Workshop is a hands-on workshop built around exercises and real site problems 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
- 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 Liquid Penetrant Testing (PT) 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
29 Mar – 2 Apr 2027	Sharjah	Classroom	5 days	\$5,500
12–23 Apr 2027	Berlin	Classroom	10 days	\$9,900
7–11 Jun 2027	Tbilisi	Classroom	5 days	\$5,500
13–24 Sep 2027	Budapest	Classroom	10 days	\$9,900
18–22 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 Feb 2028	Marrakech	Classroom	5 days	\$5,500
6–17 Mar 2028	Sharjah	Classroom	10 days	\$9,900
13–17 Mar 2028	Milan	Classroom	5 days	\$5,500
4–15 Jun 2028	Cairo	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Kigali	Classroom	5 days	\$5,500
5–16 Mar 2029	Amsterdam	Classroom	10 days	\$9,900
28 May – 1 Jun 2029	Edinburgh	Classroom	5 days	\$5,500
17–28 Jun 2029	Muscat	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2030	Stockholm	Classroom	5 days	\$5,500
11–22 Mar 2030	Geneva	Classroom	10 days	\$9,900
3–7 Jun 2030	Lisbon	Classroom	5 days	\$5,500
19–30 Aug 2030	Dubai	Classroom	10 days	\$9,900
11–15 Nov 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-practical-workshop/>

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