



Phased Array Ultrasonic Testing (PAUT): Practical Workshop

Welding, NDT & Materials

QGT-WLD-153 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Phased Array Ultrasonic Testing (PAUT): Practical Workshop is a hands-on workshop built around exercises and real site problems in Phased Array Ultrasonic Testing (PAUT). 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 Phased Array Ultrasonic Testing (PAUT)
- 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 Phased Array Ultrasonic Testing (PAUT) 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
3–7 May 2027	Baku	Classroom	5 days	\$5,500
12–23 Jul 2027	Stockholm	Classroom	10 days	\$9,900
9–13 Aug 2027	Casablanca	Classroom	5 days	\$5,500
26 Sep – 7 Oct 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Berlin	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Dubai	Classroom	10 days	\$9,900
7–11 Aug 2028	Copenhagen	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2028	Dammam	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Amsterdam	Classroom	5 days	\$5,500
26 Feb – 9 Mar 2029	Casablanca	Classroom	10 days	\$9,900
11–15 Jun 2029	Istanbul	Classroom	5 days	\$5,500
13–24 Aug 2029	Tunis	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Jun 2030	Edinburgh	Classroom	5 days	\$5,500
15–26 Jul 2030	Budapest	Classroom	10 days	\$9,900
27–31 Oct 2030	Jeddah	Classroom	5 days	\$5,500
4–15 Nov 2030	Toronto	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/phased-array-ultrasonic-testing-paut-practical-workshop/>

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