



Hydrostatic & Pneumatic Pressure Testing: Advanced Level

Inspection & Asset Integrity

QGT-INT-142 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Hydrostatic & Pneumatic Pressure Testing: Advanced Level is an advanced programme for experienced practitioners in Hydrostatic & Pneumatic Pressure Testing. It covers the principles, the requirements of API 510/570/653/579/580/581 and ASME codes, 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 Hydrostatic & Pneumatic Pressure Testing
- Apply the relevant requirements of API 510/570/653/579/580/581 and ASME codes
- Apply advanced analysis methods to real operating data
- 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 inspectors, integrity engineers, QA/QC staff and asset owners with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API 510/570/653/579/580/581 and ASME codes

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
12–23 Apr 2027	Prague	Classroom	10 days	\$9,900
5–9 Jul 2027	Copenhagen	Classroom	5 days	\$5,500
9–20 Aug 2027	Baku	Classroom	10 days	\$9,900
12–16 Sep 2027	Kuwait City	Classroom	5 days	\$5,500
6–17 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
7–18 Feb 2028	Manchester	Classroom	10 days	\$9,900
19–23 Mar 2028	Salalah	Classroom	5 days	\$5,500
23 Apr – 4 May 2028	Al Khobar	Classroom	10 days	\$9,900
14–18 Aug 2028	Prague	Classroom	5 days	\$5,500
28 Aug – 8 Sep 2028	Online (live)	Online (live)	10 days	\$5,500
23 Apr – 4 May 2029	Istanbul	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Brussels	Classroom	5 days	\$5,500
16–27 Sep 2029	Alexandria	Classroom	10 days	\$9,900
24–28 Sep 2029	Abu Dhabi	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
3–14 Mar 2030	Doha	Classroom	10 days	\$9,900
27–31 May 2030	Nairobi	Classroom	5 days	\$5,500
16–27 Sep 2030	London	Classroom	10 days	\$9,900
23–27 Sep 2030	Kigali	Classroom	5 days	\$5,500
14–25 Oct 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hydrostatic-and-pneumatic-pressure-testing-advanced-level>

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