



Repair & Alteration of Pressure Equipment: Advanced Level

Inspection & Asset Integrity

QGT-INT-136 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Repair & Alteration of Pressure Equipment: Advanced Level is an advanced programme for experienced practitioners in Repair & Alteration of Pressure Equipment. 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 Repair & Alteration of Pressure Equipment
- 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
18–29 Jan 2027	Casablanca	Classroom	10 days	\$9,900
9–13 May 2027	Erbil	Classroom	5 days	\$5,500
30 May – 10 Jun 2027	Muscat	Classroom	10 days	\$9,900
14–18 Jun 2027	Singapore	Classroom	5 days	\$5,500
19–30 Jul 2027	Online (live)	Online (live)	10 days	\$5,500
24 Jan – 4 Feb 2028	Prague	Classroom	10 days	\$9,900
15–19 May 2028	Manchester	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Munich	Classroom	10 days	\$9,900
12–16 Nov 2028	Cairo	Classroom	5 days	\$5,500
20 Nov – 1 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
23 Apr – 4 May 2029	Bangkok	Classroom	10 days	\$9,900
10–14 Sep 2029	Amsterdam	Classroom	5 days	\$5,500
16–27 Sep 2029	Sharm El Sheikh	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2029	Salalah	Classroom	5 days	\$5,500
15–26 Oct 2029	Online (live)	Online (live)	10 days	\$5,500
22 Apr – 3 May 2030	Tbilisi	Classroom	10 days	\$9,900
17–21 Jun 2030	Amsterdam	Classroom	5 days	\$5,500
8–19 Jul 2030	Casablanca	Classroom	10 days	\$9,900
21–25 Jul 2030	Al Khobar	Classroom	5 days	\$5,500
19–30 Aug 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/repair-and-alteration-of-pressure-equipment-advanced-level>

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