



Repair & Alteration of Pressure Equipment

Inspection & Asset Integrity

QGT-INT-113 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Repair & Alteration of Pressure Equipment is an introduction that builds a solid working knowledge 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
- 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 inspectors, integrity engineers, QA/QC staff and asset owners, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Repair & Alteration of Pressure Equipment fits into daily operations

Day 2: Codes, standards and requirements

What API 510/570/653/579/580/581 and ASME codes require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
24–28 Jan 2027	Alexandria	Classroom	5 days	\$5,500
22 Feb – 5 Mar 2027	Sharjah	Classroom	10 days	\$9,900
5–9 Jul 2027	Manchester	Classroom	5 days	\$5,500
9–20 Aug 2027	Paris	Classroom	10 days	\$9,900
13–17 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Toronto	Classroom	5 days	\$5,500
6–17 Mar 2028	Brussels	Classroom	10 days	\$9,900
13–17 Mar 2028	Tbilisi	Classroom	5 days	\$5,500
24 Apr – 5 May 2028	Beirut	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Toronto	Classroom	5 days	\$5,500
6–17 May 2029	Jeddah	Classroom	10 days	\$9,900
9–13 Jul 2029	Kuala Lumpur	Classroom	5 days	\$5,500
6–17 Aug 2029	Vienna	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Istanbul	Classroom	5 days	\$5,500
4–15 Mar 2030	Milan	Classroom	10 days	\$9,900
19–23 May 2030	Al Khobar	Classroom	5 days	\$5,500
15–26 Jul 2030	Frankfurt	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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