



Corrosion Under Insulation (CUI): Advanced Level

Inspection & Asset Integrity

QGT-INT-135 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Corrosion Under Insulation (CUI): Advanced Level is an advanced programme for experienced practitioners in Corrosion Under Insulation (CUI). 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 Corrosion Under Insulation (CUI)
- 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
17–28 Jan 2027	Manama	Classroom	10 days	\$9,900
11–15 Apr 2027	Cairo	Classroom	5 days	\$5,500
2–13 May 2027	Algiers	Classroom	10 days	\$9,900
12–16 Jul 2027	Johannesburg	Classroom	5 days	\$5,500
4–15 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
5–16 Jun 2028	Zurich	Classroom	10 days	\$9,900
17–21 Jul 2028	Geneva	Classroom	5 days	\$5,500
18–29 Sep 2028	Accra	Classroom	10 days	\$9,900
2–6 Oct 2028	Cape Town	Classroom	5 days	\$5,500
6–17 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
26 Mar – 6 Apr 2029	Dubai	Classroom	10 days	\$9,900
23–27 Apr 2029	Abu Dhabi	Classroom	5 days	\$5,500
20–31 Aug 2029	Nairobi	Classroom	10 days	\$9,900
17–21 Sep 2029	Beirut	Classroom	5 days	\$5,500
12–23 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
4–15 Feb 2030	Beirut	Classroom	10 days	\$9,900
14–18 Jul 2030	Algiers	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Tunis	Classroom	10 days	\$9,900
11–15 Nov 2030	Singapore	Classroom	5 days	\$5,500
25 Nov – 6 Dec 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/corrosion-under-insulation-cui-advanced-level/>

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