



Corrosion Under Insulation (CUI)

Inspection & Asset Integrity

QGT-INT-112 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Corrosion Under Insulation (CUI) is an introduction that builds a solid working knowledge 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
- 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 Corrosion Under Insulation (CUI) 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
15–19 Feb 2027	Kuala Lumpur	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Toronto	Classroom	10 days	\$9,900
27 Jun – 1 Jul 2027	Alexandria	Classroom	5 days	\$5,500
8–19 Aug 2027	Jeddah	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
28 Feb – 3 Mar 2028	Casablanca	Classroom	5 days	\$5,500
17–28 Jul 2028	Nairobi	Classroom	10 days	\$9,900
6–10 Aug 2028	Erbil	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Copenhagen	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2029	Al Khobar	Classroom	5 days	\$5,500
12–23 Feb 2029	Paris	Classroom	10 days	\$9,900
13–17 Aug 2029	Vienna	Classroom	5 days	\$5,500
12–23 Nov 2029	Lagos	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Jun 2030	Singapore	Classroom	5 days	\$5,500
30 Jun – 11 Jul 2030	Manama	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Edinburgh	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Tunis	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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