



Heat Exchanger Inspection: Advanced Level

Inspection & Asset Integrity

QGT-INT-137 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Heat Exchanger Inspection: Advanced Level is an advanced programme for experienced practitioners in Heat Exchanger Inspection. 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 Heat Exchanger Inspection
- 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
25 Jan – 5 Feb 2027	Toronto	Classroom	10 days	\$9,900
3–7 May 2027	Kuala Lumpur	Classroom	5 days	\$5,500
12–23 Sep 2027	Algiers	Classroom	10 days	\$9,900
1–5 Nov 2027	Milan	Classroom	5 days	\$5,500
6–17 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	Rome	Classroom	10 days	\$9,900
28 Feb – 3 Mar 2028	Marrakech	Classroom	5 days	\$5,500
3–14 Apr 2028	Stockholm	Classroom	10 days	\$9,900
4–8 Sep 2028	Berlin	Classroom	5 days	\$5,500
2–13 Oct 2028	Online (live)	Online (live)	10 days	\$5,500
15–26 Jan 2029	Houston	Classroom	10 days	\$9,900
26 Feb – 2 Mar 2029	Stockholm	Classroom	5 days	\$5,500
12–23 Mar 2029	Luanda	Classroom	10 days	\$9,900
22–26 Oct 2029	Tbilisi	Classroom	5 days	\$5,500
5–16 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
22 Jul – 2 Aug 2030	Luanda	Classroom	10 days	\$9,900
5–9 Aug 2030	Prague	Classroom	5 days	\$5,500
19–30 Aug 2030	Amsterdam	Classroom	10 days	\$9,900
9–13 Sep 2030	Vienna	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/heat-exchanger-inspection-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

