



Inspection of Rotating Equipment: Advanced Level

Inspection & Asset Integrity

QGT-INT-144 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Inspection of Rotating Equipment: Advanced Level is an advanced programme for experienced practitioners in Inspection of Rotating 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 Inspection of Rotating 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
27 Jun – 8 Jul 2027	Algiers	Classroom	10 days	\$9,900
5–9 Jul 2027	Stockholm	Classroom	5 days	\$5,500
13–24 Sep 2027	Kuala Lumpur	Classroom	10 days	\$9,900
18–22 Oct 2027	Amsterdam	Classroom	5 days	\$5,500
8–19 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
17–28 Jan 2028	Copenhagen	Classroom	10 days	\$9,900
7–11 Feb 2028	Amsterdam	Classroom	5 days	\$5,500
14–25 Feb 2028	Berlin	Classroom	10 days	\$9,900
26–30 Mar 2028	Alexandria	Classroom	5 days	\$5,500
17–28 Apr 2028	Online (live)	Online (live)	10 days	\$5,500
21 May – 1 Jun 2029	Amsterdam	Classroom	10 days	\$9,900
18–22 Jun 2029	Kuala Lumpur	Classroom	5 days	\$5,500
8–19 Jul 2029	Erbil	Classroom	10 days	\$9,900
1–5 Oct 2029	Madrid	Classroom	5 days	\$5,500
5–16 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
21 Apr – 2 May 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
3–7 Jun 2030	Amsterdam	Classroom	5 days	\$5,500
16–27 Sep 2030	Accra	Classroom	10 days	\$9,900
23–27 Sep 2030	Dublin	Classroom	5 days	\$5,500
11–22 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/inspection-of-rotating-equipment-advanced-level/>

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