



Structural Integrity of Offshore Assets: Advanced Level

Inspection & Asset Integrity

QGT-INT-139 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Structural Integrity of Offshore Assets: Advanced Level is an advanced programme for experienced practitioners in Structural Integrity of Offshore Assets. 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 Structural Integrity of Offshore Assets
- 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	Algiers	Classroom	10 days	\$9,900
8–12 Mar 2027	Accra	Classroom	5 days	\$5,500
17–28 May 2027	Tunis	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Singapore	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
20 Feb – 2 Mar 2028	Alexandria	Classroom	10 days	\$9,900
28 Feb – 3 Mar 2028	Marrakech	Classroom	5 days	\$5,500
13–24 Mar 2028	Paris	Classroom	10 days	\$9,900
8–12 Oct 2028	Amman	Classroom	5 days	\$5,500
23 Oct – 3 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
22 Jan – 2 Feb 2029	Rome	Classroom	10 days	\$9,900
23–27 Apr 2029	Sharjah	Classroom	5 days	\$5,500
7–18 May 2029	Cape Town	Classroom	10 days	\$9,900
27–31 Aug 2029	Marrakech	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
1–12 Apr 2030	Vienna	Classroom	10 days	\$9,900
15–19 Apr 2030	Copenhagen	Classroom	5 days	\$5,500
10–21 Jun 2030	Kigali	Classroom	10 days	\$9,900
16–20 Jun 2030	Dammam	Classroom	5 days	\$5,500
7–18 Oct 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/structural-integrity-of-offshore-assets-advanced-level/>

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