



Technical Integrity & Barrier Management

Inspection & Asset Integrity

QGT-INT-120 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Technical Integrity & Barrier Management is an introduction that builds a solid working knowledge in Technical Integrity & Barrier Management. 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 Technical Integrity & Barrier Management
- 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 Technical Integrity & Barrier Management 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
22–26 Mar 2027	Tunis	Classroom	5 days	\$5,500
27 Jun – 8 Jul 2027	Dammam	Classroom	10 days	\$9,900
12–16 Jul 2027	Kigali	Classroom	5 days	\$5,500
6–17 Sep 2027	Munich	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 Feb 2028	Kuala Lumpur	Classroom	5 days	\$5,500
19–30 Mar 2028	Doha	Classroom	10 days	\$9,900
24–28 Jul 2028	Lagos	Classroom	5 days	\$5,500
18–29 Sep 2028	Beirut	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Kuala Lumpur	Classroom	5 days	\$5,500
19–30 Mar 2029	Casablanca	Classroom	10 days	\$9,900
6–10 May 2029	Salalah	Classroom	5 days	\$5,500
11–22 Jun 2029	Lagos	Classroom	10 days	\$9,900
10–14 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2030	Nairobi	Classroom	5 days	\$5,500
18 Feb – 1 Mar 2030	Copenhagen	Classroom	10 days	\$9,900
18–22 Mar 2030	Munich	Classroom	5 days	\$5,500
7–18 Apr 2030	Riyadh	Classroom	10 days	\$9,900
29 Apr – 3 May 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/technical-integrity-and-barrier-management/>

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