



Incident Investigation & Root Cause Analysis

HSE & Process Safety

QGT-HSE-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Incident Investigation & Root Cause Analysis is an introduction that builds a solid working knowledge in Incident Investigation & Root Cause Analysis. It covers the principles, the requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA, 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 Incident Investigation & Root Cause Analysis
- Apply the relevant requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA
- 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 HSE professionals, supervisors, engineers and managers, 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 Incident Investigation & Root Cause Analysis fits into daily operations

Day 2: Codes, standards and requirements

What OSHA, ISO 45001, CCPS, IEC 61882 and NFPA 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	Vienna	Classroom	5 days	\$5,500
14–25 Jun 2027	Luanda	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Frankfurt	Classroom	5 days	\$5,500
29 Nov – 10 Dec 2027	Houston	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Accra	Classroom	5 days	\$5,500
20–31 Mar 2028	Prague	Classroom	10 days	\$9,900
1–5 May 2028	Tbilisi	Classroom	5 days	\$5,500
8–19 Oct 2028	Alexandria	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Kigali	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2029	Al Khobar	Classroom	10 days	\$9,900
2–6 Apr 2029	Milan	Classroom	5 days	\$5,500
16–27 Jul 2029	Geneva	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Jun 2030	Barcelona	Classroom	5 days	\$5,500
25 Aug – 5 Sep 2030	Amman	Classroom	10 days	\$9,900
2–6 Sep 2030	Amsterdam	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Manchester	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/incident-investigation-and-root-cause-analysis/>

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