



Hazard Identification & Risk Assessment (HIRA)

HSE & Process Safety

QGT-HSE-103 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Hazard Identification & Risk Assessment (HIRA) is an introduction that builds a solid working knowledge in Hazard Identification & Risk Assessment (HIRA). 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 Hazard Identification & Risk Assessment (HIRA)
- 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 Hazard Identification & Risk Assessment (HIRA) 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
31 Jan – 4 Feb 2027	Jeddah	Classroom	5 days	\$5,500
11–22 Apr 2027	Amman	Classroom	10 days	\$9,900
14–18 Jun 2027	Madrid	Classroom	5 days	\$5,500
28 Jun – 9 Jul 2027	Toronto	Classroom	10 days	\$9,900
2–6 Aug 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Lisbon	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Casablanca	Classroom	10 days	\$9,900
18–22 Jun 2028	Alexandria	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Kigali	Classroom	10 days	\$9,900
4–8 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Barcelona	Classroom	5 days	\$5,500
14–25 May 2029	Milan	Classroom	10 days	\$9,900
10–14 Sep 2029	Tunis	Classroom	5 days	\$5,500
25 Nov – 6 Dec 2029	Kuwait City	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
6–10 Jan 2030	Riyadh	Classroom	5 days	\$5,500
4–15 Mar 2030	Budapest	Classroom	10 days	\$9,900
9–13 Sep 2030	Kigali	Classroom	5 days	\$5,500
29 Sep – 10 Oct 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hazard-identification-and-risk-assessment-hira/>

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