



Hazard Identification and Risk Management for Mining

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

Finding mining's hazards before they find you, and managing the ones that can kill.

Mining risk management fails in two directions: registers listing hundreds of trivial hazards while the fatal few go unmanaged, and controls that exist on paper with nobody verifying them. This week teaches identification techniques that surface the serious hazards, assessment that separates catastrophic from frequent, and the critical control thinking that has moved the industry's fatality rate where it has moved at all.

Available as classroom, live online, in house.

Who it is for

Mine safety and risk practitioners, supervisors and superintendents, engineers responsible for design controls, and managers accountable for safety performance.

What you will be able to do

- Apply structured identification techniques to mining operations.
- Assess risk by consequence as well as likelihood.
- Identify material unwanted events and their critical controls.
- Verify that a control is present and effective rather than assumed.
- Keep a register that is used rather than filed.

The outline

DAY 1

Hazards in mining

Ground failure, mobile equipment, energy and inrush · Occupational health: dust, noise, heat and chemicals · Why fatal risk and injury rate are different problems

DAY 2

Identification

Workplace inspection and task observation · Structured techniques: what if, HAZOP and bowtie · Learning from incidents and near misses

DAY 3

Assessment

Consequence, likelihood, and the matrix trap · Qualitative and semi quantitative methods · Ranking that reflects what can kill

DAY 4

Critical controls

Material unwanted events · Identifying controls that genuinely stand between hazard and harm · Performance requirements and verification

DAY 5

Running the system

Registers, reviews and ownership · Change management and new risk · Reporting that drives action

What you leave with

- A material unwanted event analysis for one operation.
- Critical control verification routines with named owners.
- A reviewed risk register with the trivia stripped out.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Accra, Ghana	US\$1,500
30 November 2026 to 4 December 2026	Durban, South Africa	R15,000
7 to 11 December 2026	Nairobi, Kenya	US\$1,500
14 to 18 December 2026	Live online	US\$995

Fees are per delegate and cover all materials and meals arranged by the delegate. Reg

Register or ask a question

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This copy was produced on 30 October 2026.