



CEMENT MANUFACTURING

Cement Manufacturing Typical Incidents Part (3)

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

R15,000

Part three: safety and environmental incidents, including the confined space and hot material events that kill.

Where part two deals with process upsets, part three deals with incidents that hurt people and breach consents. Hot material burns, silo and bin entry, falls from height on a tall plant, mobile equipment interactions, dust explosions and emission excursions are each examined as event sequences with their controls identified. The treatment is deliberately serious. These are the events cement plants kill people with, and the controls are well known, which makes each recurrence a management failure rather than bad luck.

Available as classroom, live online, in house.

Who it is for

Safety and environmental managers, production and maintenance supervisors, engineers responsible for controls, and incident investigators.

What you will be able to do

- Identify the fatal risks specific to cement manufacturing.
- Analyse a safety incident without stopping at operator error.
- Specify critical controls for confined space and hot material work.
- Handle an environmental excursion correctly, including reporting.
- Verify that a control is working rather than present.

The outline

DAY 1

Hot material

Hot meal and clinker burns · Blowback and sudden release events · Access, barriers and protective equipment

DAY 2

Confined space

Silos, bins and preheater entry · Engulfment and atmosphere hazards · Entry permits, rescue and standby

DAY 3

Mechanical and height

Falls on a tall plant · Mobile equipment and pedestrian interaction · Isolation failures and stored energy

DAY 4

Dust and emissions

Dust explosion conditions · Emission excursions and their causes · Notification and regulatory reporting

DAY 5

Learning

Investigation past operator error · Control verification · Why the same incident recurs

What you leave with

- A fatal risk register for one plant.
- Critical control verification routines.
- An incident response and reporting procedure.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Windhoek, Namibia	R15,000
30 November 2026 to 4 December 2026	Cape Town, South Africa	R15,000
7 to 11 December 2026	Nairobi, Kenya	US\$1,500
14 to 18 December 2026	Port Louis, Mauritius	US\$1,500

Fees are per delegate and cover all course materials. Registration fees are arranged by the delegate. Reg

Register or ask a question

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