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CEMENT MANUFACTURING

Cement Manufacturing Typical Incidents Part (2)

DURATION	CONTACT HOURS	LEVEL	FEE PER DELEGATE
5 days	30	Intermediate	R15,000

Part two: process incidents. Kiln upsets, blockages, cooler failures and the chains of events behind them.

This part works through process incidents that have actually happened in cement plants, reconstructed as sequences rather than presented as conclusions. Preheater blockages, kiln flushes, cooler snowmen, refractory failures and silo problems are each followed from the first deviation through the decisions taken to the outcome. The analytical method is the point: participants learn to read an incident backwards to the decision that made it likely, which is more useful than knowing what happened at somebody else's plant.

Available as classroom, live online, in house.

Who it is for

Process and production engineers, shift supervisors and control room operators, technical services staff, and anybody conducting incident investigations.

What you will be able to do

- Reconstruct an incident as a sequence rather than a single cause.
- Recognise the early deviations that precede common upsets.
- Identify the decisions that made an outcome likely.
- Apply a structured investigation method to a process incident.
- Convert a finding into a control somebody will actually use.

The outline

DAY 1

Preheater incidents

Blockages and their build up · Cyclone and riser failures · Clearing operations and their own hazards

DAY 2

Kiln incidents

Flushing and unstable burning zone · Ring formation and collapse · Refractory failure and shell damage

DAY 3

Cooler and downstream

Snowman and grate problems · Clinker handling failures · Silo and conveying incidents

DAY 4

Investigation method

Timeline reconstruction · Causal analysis without blame · Data needed, and when it is already lost

DAY 5

Acting on it

Corrective actions that get implemented · Sharing learning across shifts · Checking a control is still working a year later

What you leave with

- A reconstructed incident analysis.
- An early warning indicator list for common upsets.
- A corrective action set written to be implementable.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Maseru, Lesotho	**R15,000**
30 November 2026 to 4 December 2026	Durban, South Africa	**R15,000**
7 to 11 December 2026	Dubai, United Arab Emirates	**US$1,500**
14 to 18 December 2026	Cairo, Egypt	**US$1,500**

Fees are per delegate and co
arranged by the delegate. Reg

Register or ask a question

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