



Advanced Cementing Practices Training

DURATION

5 days

CONTACT HOURS

30

LEVEL

Advanced

FEE PER DELEGATE

US\$1,500

Advanced practice across cement production: stability, optimisation and the problems that resist routine fixes.

This week is for people who have solved the ordinary problems and are left with the persistent ones. It covers advanced process stability and control strategy, the volatile cycles and build up problems that recur despite good operation, alternative fuel and raw material use at high substitution, and the data analysis needed to see a pattern in plant history. It expects participants to bring a real problem, and the week is partly built around working on them.

Available as classroom, in house.

Who it is for

Experienced process engineers, plant and production managers, technical services leads, and consultants supporting cement operations.

What you will be able to do

- Diagnose persistent instability rather than its symptoms.
- Manage volatile cycles and recurring build ups.
- Push alternative fuel substitution without losing control of the kiln.
- Use plant historian data to find patterns.
- Structure an improvement programme that holds.

The outline

DAY 1

Stability

What instability actually costs · Control strategy and loop tuning · Advanced and expert control systems

DAY 2

Persistent problems

Alkali, sulphur and chloride cycles · Build ups, rings and blockages · Refractory life and shell protection

DAY 3

Alternative fuels

High substitution and its process effects · Feeding, metering and homogeneity · Emissions and product quality consequences

DAY 4

Data

Historian data and its quality · Finding correlations that mean something · Dashboards that get used

DAY 5

Programmes

Framing an improvement programme · Resourcing and ownership · Holding a gain once it is made

What you leave with

- A diagnosis of a real problem brought to the week.
- A control strategy review.
- An improvement plan with measurement built in.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Nairobi, Kenya	US\$1,500
30 November 2026 to 4 December 2026	Accra, Ghana	US\$1,500
7 to 11 December 2026	Windhoek, Namibia	R15,000
14 to 18 December 2026	Maseru, Lesotho	R15,000

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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