GATI

CEMENT MANUFACTURING

Technical Difficulties and Problems in Cement Industry

DURATION	CONTACT HOURS	LEVEL	FEE PER DELEGATE
5 days	30	Intermediate	US$1,500

A structured troubleshooting method applied to the problems cement plants actually keep having.

Most plant troubleshooting is pattern matching against the last similar problem, which works until it does not. This week teaches a method: define the deviation precisely, establish what changed and when, generate hypotheses that are testable, and design the test. It is then applied across the plant's recurring difficulties, process, mechanical, quality and environmental, with participants bringing their own unresolved problems to work on.

Available as classroom, live online, in house.

Who it is for

Process and production engineers, maintenance and reliability engineers, quality staff, and technical managers responsible for resolving recurring problems.

What you will be able to do

- Define a problem precisely enough to be solvable.
- Establish a timeline of what changed and when.
- Generate hypotheses that can actually be tested.
- Design a test that distinguishes between them.
- Implement a fix and confirm it held.

The outline

DAY 1

Method

Defining the deviation · Is and is not analysis · Change analysis and timelines

DAY 2

Process problems

Instability and capacity loss · High energy consumption · Volatile cycles and build ups

DAY 3

Mechanical problems

Repeat failures and their real causes · Vibration and alignment · Wear rates out of line with expectation

DAY 4

Quality problems

Strength and setting deviations · Variability out of control · Customer complaints traced back

DAY 5

Closing it out

Testing a hypothesis on a running plant · Implementing without creating a new problem · Confirming the fix held

What you leave with

- A structured analysis of a problem you brought.
- A test plan to distinguish competing causes.
- A verification approach for confirming the fix.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Kampala, Uganda	**US$1,500**
30 November 2026 to 4 December 2026	Dar es Salaam, Tanzania	**US$1,500**
7 to 11 December 2026	Nairobi, Kenya	**US$1,500**
14 to 18 December 2026	Dubai, United Arab Emirates	**US$1,500**

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

Register or ask a question

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