



Cement Grinding Technology Training

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

The technology of cement grinding: equipment design, wear, and the choices that set long term performance.

Where the operating programme deals with running a mill, this one deals with the equipment itself. It covers mill and press design, the internals that determine performance, wear mechanisms and material selection, drive and transmission systems, and the auxiliary circuits that stop a mill when they fail. It is aimed at the people who specify, maintain and rebuild grinding equipment rather than those who operate it hour to hour.

Available as classroom, live online, in house.

Who it is for

Mechanical and maintenance engineers, reliability engineers, project engineers specifying grinding equipment, and senior technicians rebuilding mill internals.

What you will be able to do

- Describe mill and press design and the function of each component.
- Specify liners, diaphragms and grinding media for a duty.
- Identify wear mechanisms and select materials against them.
- Assess drive, bearing and lubrication systems.
- Plan a mill inspection and rebuild.

The outline

DAY 1

Equipment

Tube mill construction · Vertical roller mill construction · Roller press and its auxiliaries

DAY 2

Internals

Liner profiles and their effect on charge motion · Diaphragms and material transport · Grinding media selection and grading

DAY 3

Wear

Abrasion, impact and corrosion mechanisms · Material selection and hardfacing · Wear measurement and replacement planning

DAY 4

Drives and auxiliaries

Girth gear, pinion and central drives · Bearings and lubrication · Ventilation, dust collection and sealing

DAY 5

Inspection and rebuild

Internal inspection method · Axial sampling and what it reveals · Rebuild scoping and execution

What you leave with

- A mill internals specification.
- A wear assessment from a real inspection.
- A mill inspection checklist and rebuild scope.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Nairobi, Kenya	US\$1,500
30 November 2026 to 4 December 2026	Dar es Salaam, Tanzania	US\$1,500
7 to 11 December 2026	Cape Town, South Africa	R15,000
14 to 18 December 2026	Live online	US\$995

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

Register or ask a question

globalaxistraining.co.za/courses/cement-grinding-technology-training
info@globalaxistraining.co.za
+27 72 337 9234

250 Beyers Naude Drive, Rustenburg, North West, 2999, South Africa

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