



MINING AND MINERALS TRAINING

Tailings Storage Facility Management

5 day course

Classroom, online or in-house

Course overview

A tailings facility is the largest structure most mines will ever build and the one whose failure has killed the most people, which is why its governance is now scrutinised by regulators, lenders and insurers alike. This course covers managing one. Delegates work through facility types and construction methods and the reasons upstream construction has been restricted in several jurisdictions, water balance and freeboard management, and the instrumentation and monitoring that detects a developing problem. Governance receives full treatment, including the accountable person, independent review and the emergency preparedness and response plan. The course closes on closure planning and long term stewardship of a facility that outlives the mine.

What you will learn

- Distinguish tailings facility types and construction methods and their risk profiles
- Manage water balance, freeboard and seepage
- Specify instrumentation and interpret monitoring data
- Recognise the indicators that precede a failure
- Apply the governance expectations of regulators, lenders and insurers
- Build an emergency preparedness and response plan
- Plan for closure and long term stewardship

Who should attend

- Tailings and geotechnical engineers
- Mine environmental and water managers
- Operations and technical services managers
- Health, safety and risk professionals in mining
- Regulators, lenders and insurers assessing facilities

Course outline

- 01 Why tailings governance changed, and what it now requires
- 02 Facility types and construction methods
- 03 Water balance, freeboard and seepage management
- 04 Instrumentation and monitoring
- 05 Indicators that precede failure
- 06 The accountable person and independent review
- 07 Emergency preparedness and response
- 08 Closure and long term stewardship

Upcoming dates

Dates	Venue	Format	Fee per delegate
16 to 20 September 2026	Online	Online	R7,500
1 to 5 December 2026	Kigali, Rwanda	Classroom	R11,995
2 to 6 December 2026	Accra, Ghana	Classroom	R11,995

Fees and how to register

Online **from R6,500** per delegate, classroom **from R11,995** per delegate, in-house training is quotation on request.



Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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