



MINING AND MINERALS TRAINING

Trackless Mobile Machinery and Underground Fleet Management

5 day course

Classroom, online or in-house

Course overview

Trackless equipment moves most of the rock in a modern underground mine and causes a large share of its serious injuries, in an environment with no daylight, limited sight lines and people on foot. This course covers running that fleet. Delegates work through machine types and their application, the collision management and proximity detection systems now required, and the traffic management rules that make an underground roadway safe. Availability, utilisation and the maintenance regime that sustains them are covered. Operator competence and licensing are addressed. The course closes on fleet sizing against a production plan and on the total cost of ownership that justifies replacement.

What you will learn

- Match machine types to underground applications
- Specify and operate collision management and proximity detection
- Apply traffic management rules to underground roadways
- Measure and improve availability and utilisation
- Run a maintenance regime that sustains fleet performance
- Manage operator competence, licensing and behaviour
- Size a fleet against a production plan and justify replacement on cost

Who should attend

- Mine engineering and mechanical staff
- Production supervisors and superintendents
- Safety officers responsible for underground traffic
- Maintenance planners and reliability engineers
- Equipment and contract managers

Course outline

- 01 The fleet that moves the rock and the risk it carries
- 02 Machine types and applications
- 03 Collision management and proximity detection
- 04 Traffic management underground
- 05 Availability, utilisation and measurement
- 06 Maintenance regime and support
- 07 Operator competence and licensing
- 08 Fleet sizing and total cost of ownership

Upcoming dates

Dates	Venue	Format	Fee per delegate
19 to 23 October 2026	Accra, Ghana	Classroom	USD 1,325
16 to 20 November 2026	Pretoria, South Africa	Classroom	R19,950
30 November to 4 December 2026	Kigali, Rwanda	Classroom	USD 1,325
28 December 2026 to 1 January 2027	Online	Online	R8,500



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. 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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