



MAINTENANCE MANAGEMENT TRAINING

Tyre Management and Cost per Kilometre

2 day course

Classroom, online or in-house

Course overview

Tyres are usually the second largest running cost in a fleet and the one most often managed by replacing whatever failed, which hides the fact that most tyres are removed early for reasons nobody recorded. This course makes the cost visible. Delegates work through tyre construction and the markings that describe load, speed and application, and the fitment errors that follow from ignoring them. Inflation pressure is treated as the dominant variable, covering under inflation damage, heat build up and the checking regime that actually happens rather than the one in the policy. Wear patterns are read as evidence of mechanical faults, linking tyre condition back to alignment, suspension and driver behaviour. Rotation and position policy follow. Retreading is covered, including casing management and when a casing is worth saving. Damage assessment and warranty claims are addressed. Tyre records and cost per kilometre calculation are covered as the management tool. Storage and handling are addressed. The course closes on tyre safety, on inflation cage use and on selecting a supply arrangement.

What you will learn

- Read tyre markings and avoid fitment errors
- Manage inflation pressure and prevent heat damage
- Read wear patterns back to alignment, suspension and driving
- Apply rotation and position policy
- Manage casings and judge when retreading is worthwhile
- Assess damage and pursue warranty claims
- Calculate cost per kilometre and work safely with inflation cages

Who should attend

- Fleet and tyre controllers
- Workshop supervisors and fitters
- Transport operations managers
- Mine and plant tyre managers
- Procurement staff buying tyres and retreads

Course outline

- 01 Removed early for unrecorded reasons
- 02 Construction, markings and fitment
- 03 Inflation pressure and heat build up
- 04 Wear patterns as mechanical evidence
- 05 Rotation and position policy
- 06 Retreading and casing management
- 07 Damage assessment and warranty
- 08 Records, cost per kilometre, safety and supply arrangements

Upcoming dates



Dates	Venue	Format	Fee per delegate
5 to 6 November 2026	Durban, South Africa	Classroom	R11,950
12 to 13 November 2026	Nairobi, Kenya	Classroom	USD 795
2 to 3 December 2026	Lusaka, Zambia	Classroom	USD 795
11 to 12 February 2027	Cape Town, South Africa	Classroom	R11,950

Fees and how to register

This 2 day course is **R6,500** per delegate online, **R11,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 795** 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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