



MAINTENANCE MANAGEMENT TRAINING

Reliability Centred Maintenance

5 day course

Classroom, online or in-house

Course overview

Maintenance programmes are usually inherited rather than designed, which is why plants carry tasks that prevent nothing and lack tasks that would prevent a great deal. This course covers designing the programme deliberately. Delegates work through functions and functional failures as the correct starting point, failure modes and effects analysis at the level of detail that is actually useful, and consequence evaluation across safety, environmental, operational and economic categories. Task selection follows the logic that a task must be both applicable and worth doing. Default actions including redesign and run to failure are treated as legitimate outcomes. The course closes on implementing a revised programme and on the living programme that adapts to experience.

What you will learn

- Define functions and functional failures for an asset
- Analyse failure modes and effects at a useful level of detail
- Evaluate consequences across safety, environmental, operational and economic categories
- Select tasks that are both applicable and worth doing
- Apply default actions including redesign and run to failure
- Implement a revised maintenance programme in practice
- Keep the programme living as operating experience accumulates

Who should attend

- Maintenance and reliability engineers
- Maintenance planners and supervisors
- Operations engineers with asset responsibility
- Asset managers and technical services staff
- Facilitators of reliability analysis

Course outline

- 01 Inherited programmes against designed ones
- 02 Functions and functional failures
- 03 Failure modes and effects analysis
- 04 Consequence evaluation
- 05 Task applicability and worth
- 06 Condition, restoration and discard tasks
- 07 Default actions and redesign
- 08 Implementation and the living programme

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 25 December 2026	Addis Ababa, Ethiopia	Classroom	USD 1,325
4 to 8 January 2027	Online	Online	R8,500
25 to 29 January 2027	Johannesburg, South Africa	Classroom	R19,950
15 to 19 February 2027	Harare, Zimbabwe	Classroom	USD 1,325



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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