



MAINTENANCE MANAGEMENT TRAINING

Failure Mode and Effects Analysis

3 day course

Classroom, online or in-house

Course overview

Failure mode analysis is meant to find what can go wrong before it does, and it is commonly run as a workshop that fills a spreadsheet, scores everything moderate and changes nothing. This course covers running one that produces action. Delegates work through defining the item and its function precisely enough to analyse, identifying failure modes at the right level of detail, and effects traced through to the consequence somebody actually experiences. Severity, occurrence and detection rating are covered, including the calibration that stops every team scoring differently. Action priority and the decision on what to act on follow. Design and process variants are compared. The course closes on linking the analysis to maintenance tasks, controls and design change, and on keeping it current.

What you will learn

- Define an item and its function precisely enough to analyse
- Identify failure modes at a useful level of detail
- Trace effects through to the consequence somebody experiences
- Rate severity, occurrence and detection consistently across teams
- Set action priority and decide what is actually worth doing
- Apply design and process variants appropriately
- Link the analysis to maintenance tasks, controls and design change

Who should attend

- Reliability and maintenance engineers
- Quality and process engineers
- Design engineers and product developers
- Safety practitioners running hazard studies
- Improvement teams and facilitators

Course outline

- 01 A spreadsheet that changes nothing
- 02 Defining the item and its function
- 03 Identifying failure modes
- 04 Effects and consequences
- 05 Severity, occurrence and detection
- 06 Rating calibration across teams
- 07 Action priority and selection
- 08 Linking to tasks, controls and keeping it current

Upcoming dates

Dates	Venue	Format	Fee per delegate
4 to 6 November 2026	Harare, Zimbabwe	Classroom	USD 995
16 to 18 November 2026	Online	Online	R6,500
7 to 9 December 2026	Windhoek, Namibia	Classroom	R14,950
23 to 25 December 2026	Maseru, Lesotho	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** 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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