



PROCUREMENT AND MATERIALS MANAGEMENT

Planning Commissioning Spares and Maintenance Inventory

5 day course

Classroom, online or in-house

Course overview

Maintenance spares are bought against a failure that may never happen, on lead times that make waiting impossible, which makes the stocking decision unusually hard to justify either way. This course covers making it defensibly. Delegates work through criticality assessment, the relationship between failure rate, lead time and consequence, and the calculation that decides whether an item is stocked at all. Insurance spares and their governance receive their own treatment, as do commissioning spares and the handover from project to operations where a great deal of stock is quietly inherited. The course closes on obsolescence, repairable rotables and the periodic review that keeps a spares holding honest.

What you will learn

- Assess criticality and connect it to a stocking decision
- Relate failure rate, lead time and consequence in a stocking calculation
- Justify or refuse an insurance spare with evidence
- Plan commissioning spares and the handover to operations
- Manage repairable rotables and their float
- Deal with obsolescence and unsupported equipment
- Run a periodic review that reduces holding without raising risk

Who should attend

- Maintenance planners and reliability engineers
- Materials and spares controllers
- Procurement staff buying technical spares
- Project engineers handing plant to operations
- Asset managers accountable for spares capital

Course outline

- 01 Why the spares decision is hard to justify either way
- 02 Criticality assessment
- 03 Failure rate, lead time and consequence
- 04 The stocking calculation
- 05 Insurance spares and their governance
- 06 Commissioning spares and project handover
- 07 Repairable rotables and float
- 08 Obsolescence and periodic review

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 25 September 2026	Maputo, Mozambique	Classroom	USD 1,325
21 to 25 December 2026	Casablanca, Morocco	Classroom	USD 1,325
11 to 15 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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