



MAINTENANCE MANAGEMENT TRAINING

Pipeline Operations and Maintenance Management

3 day course

Classroom, online or in-house

Course overview

A pipeline is an asset you cannot see, running through land you do not own, and most of what threatens it is either corrosion you cannot observe or a third party with an excavator. This course covers running one. Delegates work through pipeline systems across water, fuel and gas, operating parameters and the hydraulics that govern flow and pressure, and leak detection including the volume balance limits that determine what size leak can actually be found. Corrosion control through coating and cathodic protection follows. Inspection covers in line inspection tools and the anomaly assessment that turns data into a repair decision. Third party damage prevention and right of way management are addressed as the largest single threat. The course closes on emergency response, on repair methods and on regulatory reporting.

What you will learn

- Operate pipeline systems within their hydraulic and pressure limits
- Apply leak detection and understand the size of leak it can find
- Control corrosion through coating and cathodic protection
- Run in line inspection and assess reported anomalies
- Turn anomaly data into a repair or monitor decision
- Prevent third party damage and manage the right of way
- Respond to an emergency, repair correctly and report to regulators

Who should attend

- Pipeline operations and maintenance engineers
- Utility and network maintenance managers
- Integrity and corrosion engineers
- Field supervisors responsible for pipeline right-of-way
- Technical staff in water, fuel, and gas transmission companies

Course outline

- 01 An asset you cannot see on land you do not own
- 02 Pipeline systems across water, fuel and gas
- 03 Hydraulics, flow and pressure control
- 04 Leak detection and its limits
- 05 Coating and cathodic protection
- 06 In line inspection tools
- 07 Anomaly assessment and repair decisions
- 08 Third party damage, emergency response and reporting

Upcoming dates

Dates	Venue	Format	Fee per delegate
5 to 7 October 2026	Johannesburg, South Africa	Classroom	R14,950
4 to 6 November 2026	Online	Online	R6,500
30 December 2026 to 1 January 2027	Windhoek, Namibia	Classroom	R14,950
13 to 15 January 2027	Pretoria, South Africa	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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