

**DRILLING, WELLS AND RESERVOIR ENGINEERING**

Well Plugging, Abandonment and Decommissioning

5 day course

Classroom, online or in-house

Course overview

A well that is abandoned badly becomes a permanent leak path that nobody may own once the licence expires. Plugging and abandonment is the last engineering job on a well and the one with the longest consequences. Delegates begin with regulatory expectations and the permanent barrier requirements found in NORSOK D010 and UK industry guidelines, then assess the well: records review, cement and casing condition, and annular pressure history. Plug design and placement follow, covering rock to rock barriers, cement plug setting, section milling, perforate wash and cement methods and alternative barrier materials. Rig, rigless and vessel based abandonment are compared on cost and risk. Wellhead removal, site restoration and long term liability close the course. Delegates leave able to plan and estimate an abandonment campaign.

What you will learn

- Interpret regulatory and industry requirements for permanent abandonment
- Assess legacy well records and current barrier condition
- Design permanent barriers that seal across the full cross section
- Select between section milling, perforate wash and cement and alternative materials
- Plan cement plug setting and verification
- Compare rig, rigless and vessel based abandonment options
- Estimate abandonment cost and schedule for a well campaign
- Plan wellhead removal and site restoration

Who should attend

- Well engineers planning abandonment campaigns
- Decommissioning managers and project engineers
- Regulators reviewing abandonment programmes
- Well integrity engineers
- Asset managers carrying late life liabilities

Course outline

- 01 Regulation and liability in abandonment
- 02 Permanent barrier requirements
- 03 Well assessment and records review
- 04 Cement plug design and placement
- 05 Section milling and perforate wash and cement
- 06 Alternative barrier materials
- 07 Abandonment methods and campaign planning
- 08 Wellhead removal and site restoration

Upcoming dates



Dates	Venue	Format	Fee per delegate
30 November to 4 December 2026	Johannesburg, South Africa	Classroom	R19,950
21 to 25 December 2026	Dar es Salaam, Tanzania	Classroom	USD 1,325
11 to 15 January 2027	Maputo, Mozambique	Classroom	USD 1,325
18 to 22 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**.

AfriScience Group | +27 61 536 6531 | info@afriScience.co.za | Pretoria, Gauteng, South Africa