

**DRILLING, WELLS AND RESERVOIR ENGINEERING**

Stuck Pipe Prevention and Fishing Operations

5 day course

Classroom, online or in-house

Course overview

Stuck pipe is among the largest sources of non productive time on land and offshore rigs, and the first few minutes after the string stops moving often decide whether it comes free. Delegates learn to classify sticking by mechanism, whether differential, pack off and bridging, or wellbore geometry, using the hole history and the string's response to rotation, circulation and movement. Warning signs in torque, drag, pump pressure and returns are mapped to preventive practices for tripping, connections and reaming. Freeing procedures, jar placement and firing, spotting fluids and free point determination follow. The second half turns to fishing: overshots, spears, washover, milling, junk recovery and the economics of fishing versus sidetracking. Delegates leave able to prevent, diagnose and respond to a stuck string.

What you will learn

- Classify a sticking event by its underlying mechanism
- Recognise early warning signs in torque, drag, pressure and returns
- Apply tripping and reaming practices that reduce sticking risk
- Position and operate drilling jars correctly
- Select first actions and spotting fluids for each sticking type
- Determine free point and plan a backoff
- Select fishing tools for parted pipe, junk and stuck components
- Evaluate the decision to keep fishing or sidetrack

Who should attend

- Drillers, assistant drillers and toolpushers
- Drilling supervisors and company representatives
- Drilling engineers planning risk mitigation
- Fishing tool specialists and service supervisors
- Rig superintendents

Course outline

- 01 Sticking mechanisms and classification
- 02 Differential sticking
- 03 Pack off, bridging and hole cleaning
- 04 Wellbore geometry and keyseats
- 05 Warning signs and preventive practices
- 06 Jars, spotting fluids and freeing procedures
- 07 Free point and backoff
- 08 Fishing tools and techniques
- 09 Fish or sidetrack economics

Upcoming dates



Dates	Venue	Format	Fee per delegate
21 to 25 December 2026	Accra, Ghana	Classroom	USD 1,325
18 to 22 January 2027	Nairobi, Kenya	Classroom	USD 1,325
15 to 19 February 2027	Maputo, Mozambique	Classroom	USD 1,325
1 to 5 March 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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