RelyOn Nutec
360° Safety

Course code	OTC308
Course name	Well Control Drilling – Surface & Subsea (Supervisor Level)
Duration	4 days
Target group	Office-based rig, drilling, or intervention manager; Offshore Installation Manager for mobile offshore drilling and intervention units; Rig Superintendent Offshore (most senior offshore leader for rig owner, may be OIM); Toolpusher (including intervention and Workove Toolpusher); Drilling contractor Wellsite Engineer; Managed Pressure Drilling/Underbalanced Drilling Wellsite Supervisor; Assistant Wellsite Supervisor/Wellsite Drilling Engineer; Drilling/Intervention Wellsite Supervisor, Superintendent, or Company Representative (day & night); Office-based Drilling Supervisor/Superintendent (not involved with well design approval).
Prerequisites	- RG; - CPF; - Passport (Expatriate); - Well Control Driller Level.
Objective	The purpose of the Driller course core curriculum is to define the well control body of knowledge and set of job skills needed by Drillers during drilling operations.
Contents	• Drilling, Workover, Completion Plan-Awareness; • Well Control Drills; • Well Control Concepts; • Shut In Procedures & Verification; • Mud & Pit Management; • Post Shut In Monitoring & Activities; • Pre-Recorded Data; • Risk Management; • Kick Prevention during Drilling, Casing & Cementing Operations; • Well Control Methods; • Barriers; • Equipment; • Shallow Gas, Water Flows & Tophole Drilling; • Extract of Subsea Elements; • Abnormal Pressure Warning Signs; • Kick Detection; • Choke Line Friction and Fluid Densities; • Equivalent Circulating Density and Bottomhole Pressure; • Riser Margin; • Gas Behavior; • Shallow Subsea and Fracture Gradients; • Downhole Pressure and Temperature Effects; • Trapped Gas at BOP; • Choke Line Friction; • Displacing Riser Post Kill; • Ballooning Issues; • Handling Gas In The Riser; • Casing and Cementing Operations; • Deadman; • Riser Margin; • Autoshear and Emergency Disconnect System; • Operations Requiring Barriers; • ROV Hot Stab Capability; • Well Flow With Pumps Off; • Pit Gain; • Pump Startup and Shutdown; • Flow Returns Rate Increase;

	• Trapped Gas At BOP; • Shallow Subsea Fracture Gradients; • Displacing Riser Post Kill; • Drilling and Tripping; Diverter; • Running Casing/Cementing; • BOP Stack; • Recording Shut In Pressures; • Stack Valves and Wellhead Components; • Differences and Float in String; • BOP Closing Unit and Control Panels; • Riser Flow After Shut In; • ROV Hot Stab Capability; • Emergency Procedures; • Riser Gas Handling Equipment; • Drillers Method; • Wait and Weight Method; • Kill Sheets; • Hands-on simulation exercises will be conducted.
Exam	To pass the class, the delegate must attain a minimum score of 75% on a written assessment and practical assessment (simulator). Validity: 2 years