COURSE OVERVIEW DE0449
Slickline Well Intervention

Course Title
Slickline Well Intervention

Course Date/Venue
Session 1: July 13-17, 2025/Meeting Plus 8, City Centre Rotana Doha Hotel, Doha, Qatar
Session 2: November 23-27, 2025/Meeting Plus 8, City Centre Rotana Doha Hotel, Doha, Qatar

Course Reference
DE0449

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

Course Description

This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.

This course is designed to provide participants with a detailed and up-to-date overview of Slickline Well Intervention. It covers the importance of slickline well intervention in the oil and gas industry; the types of well intervention and the comparison between slickline, wireline and coiled tubing operations; the basic principles, applications and components of a slickline system; the personal protective equipment (PPE) requirements, hazard identification, risk assessment ad emergency response procedures; the wellhead components, pressure control equipment (PCE) and blowout preventer (BOP); and the basic slickline tools and their functions including of jars, pulling tools and running tools.

Further, the course will also discuss the tool selection criteria based on well conditions; the memory gauges, depth control, mechanical setting tools and explosive and non-explosive cutting tools; the detailed step-by-step procedures for common slickline operations and running and retrieving subsurface control devices; assembling a tool string for various operations; handling and maintaining slickline tools; the types of wires and cables used in slickline operations; and handling, spooling and maintaining slickline cables.

During this interactive course, participants will learn the common operational challenges in slickline interventions and proper troubleshooting techniques and best practices; the advanced techniques in perforating with slickline, safety considerations and operational procedures; setting and retrieving plugs and packers and fishing operations; using slickline for well integrity checks; the common diagnostics tools and techniques; the logging and data acquisition, assembly and disassembly of tool strings and best practices for tool handling and maintenance; the simulated slickline operations, pressure control equipment handling and safety drills and emergency response; planning a slickline intervention job from start to finish; preparing job safety analysis (JSA) and operational procedures; the best practices and industry standards; and adhering to regulatory and company guidelines.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on slickline well intervention
- Discuss the slickline well intervention and its importance in the oil and gas industry
- Identify the types of well intervention and the comparison between slickline, wireline and coiled tubing operations
- Discuss the basic principles, applications and components of a slickline system
- Apply the personal protective equipment (PPE) requirements, hazard identification, risk assessment ad emergency response procedures
- Recognize wellhead components, pressure control equipment (PCE) and blowout preventer (BOP)
- Identify the basic slickline tools and their functions including of jars, pulling tools and running tools
- Recognize the jars, running tools, pulling tools, and other basic tools as well as the tool selection criteria based on well conditions and intervention objectives
- Describe memory gauges, depth control, mechanical setting tools and explosive and non-explosive cutting tools
- Illustrate the detailed step-by-step procedures for common slickline operations and run and retrieve subsurface control devices
- Assemble a tool string for various operations and handle and maintain slickline tools
- Identify the types of wires and cables used in slickline operations and apply handling, spooling and maintaining slickline cables
- Discuss the common operational challenges in slickline interventions and apply proper troubleshooting techniques and best practices
- Employ advanced techniques in perforating with slickline, safety considerations and operational procedures, setting and retrieving plugs and packers and fishing operations
- Use slickline for well integrity checks and recognize the common diagnostics tools and techniques
- Carryout logging and data acquisition, assembly and disassembly of tool strings and best practices for tool handling and maintenance

- Apply simulated slickline operations, pressure control equipment handling and safety drills and emergency response
- Plan a slickline intervention job from start to finish and prepare job safety analysis (JSA) and operational procedures
- Apply best practices and industry standards and adhere to regulatory and company guidelines

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations of slickline well intervention for wellsite supervisors, engineers, safety personnel, slickline operators and maintenance technicians.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Fee

US$ 8,500 per Delegate. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -

- The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

- British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

Dr. Chris Kapetan, PhD, MSc, is a **Senior Petroleum Engineer** with over **30 years** of international experience within the **onshore** and **offshore oil** & **gas** industry. His wide experience covers **Drilling & Drilling Fluids**, **Rigs Inspection & Audit**, **Well Testing Operations & Analysis**, **Drilling Fluids Technology**, Drilling **Operations**, **Directional** Drilling, **Coiled Tubing Technology**, **Corrosion Control**, **Slickline**, **Wireline & Coil Tubing**, **Decision Analytic Modelling Methods** for **Economic Evaluation**, **Probabilistic Risk Analysis** (**Monte Carlo Simulator**) **Risk Analysis Foundations**, **Global Oil Demand**, Crude Oil Market, Global Oil Reserves, Oil Supply & Demand, Governmental Legislation, Contractual Agreements, **Financial** Modeling, **Oil Contracts**, **Project Risk Analysis**, **Feasibility Analysis** Techniques, **Capital Operational Costs**, Oil & Gas Exploration Methods, **Reservoir** Evaluation, **Extraction of Oil & Gas**, **Crude** Oil Types & Specifications, Sulphur, Sour Natural Gas, **Natural Gas Sweeting**, **Petroleum Production**, Field Layout, **Production** Techniques & Control, **Surface Production** Operations, **Oil Processing**, Oil Transportation-Methods, **Flowmetering & Custody Transfer** and **Oil Refinery**. Further, he is also well-versed in Enhanced Oil Recovery (**EOR**), Electrical Submersible Pumps (**ESP**), **Oil Industries Orientation**, **Geophysics**, Cased Hole **Formation Evaluation**, Cased Hole **Applications**, Cased Hole **Logs**, Production **Operations**, Production **Management**, Perforating **Methods & Design**, Perforating **Operations**, **Fishing** Operations, **Well & Reservoir** Testing, **Reservoir Stimulation**, **Hydraulic Fracturing**, **Carbonate** Acidizing, **Sandstone** Acidizing, **Artificial Lift**, **Gas Lift Design**, **Gas Lift Operations**, **Petroleum Business**, **Petroleum Economics**, **Field Development Planning**, **Gas Lift Valve** Changing & Installation, **Well Completion** Design & Operation, Well **Surveillance**, Well **Testing**, Well **Stimulation** & **Control** and **Workover Planning**, **Completions** & **Workover**, **Rig Sizing**, **Hole Cleaning** & **Logging**, **Well Completion**, **Servicing** and **Work-Over Operations**, Practical **Reservoir Engineering**, **X-mas Tree & Wellhead** Operations, Maintenance & Testing, **Advanced Petrophysics/Interpretation** of **Well Composite**, **Construction Integrity** & **Completion**, **Pipeline Pigging**, **Corrosion Monitoring**, **Cathodic Protection** as well as Root Cause Analysis (**RCA**), Root Cause Failure Analysis (**RCFA**), **Gas Conditioning & Process Technology**, **Production Safety** and **Delusion of Asphalt**. Currently, he is the **Operations Consultant** & the **Technical Advisor** at **GEOTECH** and an independent **Drilling Operations Consultant** of various engineering services providers to the international clients as he offers his expertise in many areas of the **drilling & petroleum discipline** and is well **recognized & respected** for his process and procedural expertise as well as ongoing participation, interest and experience in continuing to promote technology to producers around the world.

Throughout his long career life, Dr. Chris has worked for many international companies and has spent several years **managing** technically **complex wellbore interventions** in both **drilling** & **servicing**. He is a **well-regarded** for his **process** and **procedural expertise**. Further, he was the **Operations Manager** at **ETP Crude Oil Pipeline Services** where he was fully responsible for optimum operations of crude oil pipeline, **workover** and **directional drilling**, **drilling rigs** and equipment, drilling of various geothermal deep wells and **exploration wells**. Dr. Chris was the **Drilling** & **Workover Manager** & **Superintendent** for **Kavala Oil** wherein he was responsible for supervision of **drilling operations** and **offshore exploration**, quality control of performance of **rigs**, **coiled tubing**, crude oil transportation via pipeline and abandonment of **well** as per the API requirements. He had occupied various key positions as the **Drilling Operations Consultant**, **Site Manager**, **Branch Manager**, **Senior Drilling** & **Workover Manager** & **Engineer** and **Drilling** & **Workover Engineer**, **Operations Consultant**, **Technical Advisor** in several petroleum companies responsible mainly on an **offshore** sour oil field (under water flood and gas lift) and a gas field. Further, Dr. Chris has been a **Professor** of the **Oil Technology College**.

Dr. Chris has **PhD** in **Reservoir Engineering** and a **Master** degree in **Drilling & Production Engineering** from the **Petrol-Gaze Din Ploiesti University**. Further, he is a **Certified Surfaced BOP Stack Supervisor** of **IWCF**, a **Certified Instructor/Trainer**, a **Certified Trainer/Assessor/Internal Verifier** by the **Institute of Leadership & Management** (**ILM**) and has conducted **numerous short courses**, **seminars** and **workshops** and has published several technical books on **Production Logging**, **Safety Drilling Rigs** and **Oil Reservoir**.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	**PRE-TEST**
0830 – 0900	**Overview of Slickline Well Intervention & Its Importance in the Oil & Gas Industry**
0900 - 0930	**Introduction to Well Intervention** Definition & Types of Well Intervention • Comparison Between Slickline, Wireline, & Coiled Tubing Operations
0930 – 0945	Break
0945 – 1130	**Fundamentals of Slickline Operations** Basic Principles & Applications of Slickline • Components of a Slickline System
1130 – 1215	**Safety Protocols & Procedures** Personal Protective Equipment (PPE) Requirements • Hazard Identification & Risk Assessment • Emergency Response Procedures
1215 – 1230	Break
1230 – 1330	**Wellhead & Pressure Control Equipment** Overview of Wellhead Components • Introduction to Pressure Control Equipment (PCE) • Blowout Preventer (BOP) & Its Functions
1330 – 1420	**Slickline Tools** Basic Slickline Tools & Their Functions • Introduction to Jars, Pulling Tools, & Running Tools
1420 – 1430	**Recap**
1430	Lunch & End of Day One

Day 2

0730 – 0830	**Slickline Tools in Detail** Detailed Discussion on Jars, Running Tools, Pulling Tools, & Other Basic Tools • Tool Selection Criteria Based on Well Conditions & Intervention Objectives
0830 - 0930	**Advanced Slickline Tools** Memory Gauges, Depth Control, & Mechanical Setting Tools • Explosive & Non-Explosive Cutting Tools
0930 – 0945	Break
0945 – 1100	**Slickline Operations Procedures** Detailed Step-By-Step Procedures of Common Slickline Operations • Running & Retrieving Subsurface Control Devices
1100 – 1215	**Tool String Assembly** Assembling a Tool String of Various Operations • Handling & Maintenance of Slickline Tools
1215 – 1230	Break
1230 – 1330	**Wire & Cable Management** Types of Wires & Cables Used in Slickline Operations • Handling, Spooling, & Maintaining Slickline Cables
1330 – 1420	**Operational Challenges & Troubleshooting** Common Operational Challenges in Slickline Interventions • Troubleshooting Techniques & Best Practices
1420 – 1430	**Recap**
1430	Lunch & End of Day Two

Day 3

0730 – 0830	***Perforating with Slickline*** *Perforating Guns & Methods • Safety Considerations & Operational Procedures*
0830 - 0930	***Setting & Retrieving Plugs & Packers*** *Types of Plugs & Packers Used in Slickline Operations • Setting & Retrieving Procedures*
0930 – 0945	*Break*
0945 – 1100	***Fishing Operations*** *Overview of Fishing Tools & Techniques • Procedures of Retrieving Lost or Stuck Tools & Equipment*
1100 – 1215	***Well Integrity Diagnostics*** *Using Slickline of Well Integrity Checks • Common Diagnostics Tools & Techniques*
1215 – 1230	*Break*
1230 – 1330	***Logging & Data Acquisition*** *Overview of Slickline Logging Tools • Data Acquisition & Interpretation*
1330 – 1420	***Case Studies & Real-World Applications*** *Analysis of Real-World Case Studies • Lessons Learned & Best Practices*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

0730 – 0830	***Tool String Assembly Workshop*** *Hands-On Assembly & Disassembly of Tool Strings • Best Practices of Tool Handling & Maintenance*
0930 – 0945	*Break*
0945 – 1215	***Simulated Slickline Operations*** *Simulation of Common Slickline Operations • Running & Retrieving Tools, Setting Plugs, & Performing Fishing Operations*
1215 – 1230	*Break*
1230 – 1330	***Pressure Control Equipment Handling*** *Practical Exercises on Handling & Operating Pressure Control Equipment • BOP & PCE Maintenance & Troubleshooting*
1330 – 1420	***Safety Drills & Emergency Response*** *Conducting Safety Drills • Emergency Response Simulations & Exercises*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

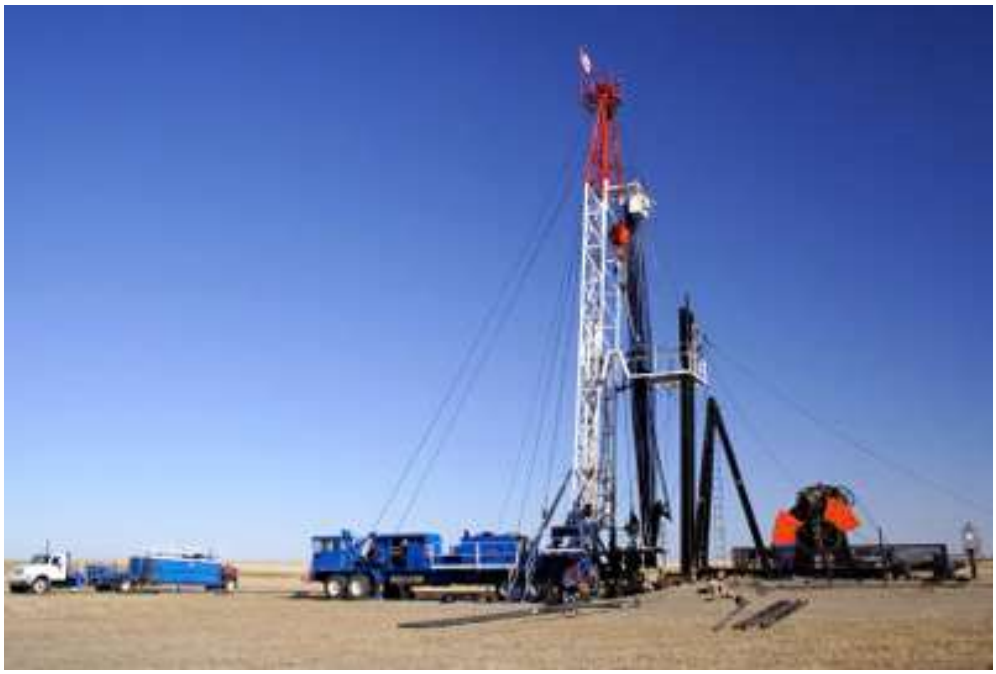
Day 5

0730 – 0930	***Data Acquisition & Analysis Workshop*** *Hands-On Training with Slickline Logging Tools • Data Acquisition, Processing, & Interpretation*
0930 – 0945	*Break*
0945 – 1100	***Troubleshooting Scenarios*** *Simulated Troubleshooting Exercises • Problem-Solving Techniques & Approaches*
1100 – 1230	***Operational Planning & Job Preparation*** *Planning a Slickline Intervention Job from Start to Finish • Preparing Job Safety Analysis (JSA) & Operational Procedures*
1230 – 1245	*Break*

1245 – 1345	***Best Practices & Industry Standards*** *Overview of Industry Standards & Best Practices • Adhering to Regulatory & Company Guidelines*
1345 – 1400	***Course Conclusion***
1400 – 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

Reem Dergham, Tel: +974 4423 1327, Email: reem@haward.org