COURSE OVERVIEW DE0413
Overview of Rigless Well Intervention

Course Title
Overview of Rigless Well Intervention

Course Date/Venue
April 13-17, 2025/Al Buraimi Meeting Room, Sheraton Oman Hotel, Muscat

Course Reference
DE0413

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 Rig Less Well Intervention. It covers the types and advantages over traditional methods of rigless operations; the safety protocols in rigless operations and essential safety measures and equipment; the rigless equipment and tools and commonly used equipment in rigless operations; the steps for successful rigless operation planning and techniques and equipment used in well intervention without a rig; the coiled tubing operations and its applications; and wireline services and their importance.

Further, this course will also discuss the role of snubbing in rigless operations; the hydraulic workover operations, techniques and applications; the emergency intervention and types of emergencies in rigless operations; and the risk assessment and management, tools and techniques for risk evaluation.

During this interactive course, participants will learn the the HSE policies in emergency situations, health, safety and environment considerations; the emergency equipment and tools including specialized equipment for handling emergencies; the project management principles and key concepts in managing rigless operation projects; the strategies for cost-effective operations of cost management; the operational excellence using techniques; and the quality assurance and control of operations.

Course Objectives

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

- Apply and gain an in-depth knowledge on drilling and work-over operations-rig less operations and emergency intervention
- Identify the types and advantages over traditional methods of rigless operations
- Implement safety protocols in rigless operations and recognize essential safety measures and equipment
- Identify rigless equipment and tools and commonly used equipment in rigless operations
- Apply proper steps for successful rigless operation planning as well as techniques and equipment used in well intervention without a rig
- Carryout coiled tubing operations and its applications as well as identify wireline services and their importance
- Recognize the role of snubbing in rigless operations and carryout hydraulic workover operations, techniques and applications
- Explain emergency intervention and identify types of emergencies in rigless operations
- Plan emergency response and apply effective strategies for emergency preparedness
- Assess and manage risk and identify and tools and techniques for risk evaluation
- Review HSE policies in emergency situations as well as apply health, safety and environment considerations
- Classify emergency equipment and tools including specialized equipment for handling emergencies
- Determine project management principles and key concepts in managing rigless operation projects
- Employ strategies for cost-effective operations of cost management
- Enhance operational efficiency using appropriate techniques as well as ensure the quality of operations

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 drilling and work-over operations-rig less operations and emergency intervention for drilling operations section leaders, field supervisors, drilling engineering supervisors, production engineers, reservoir engineers, well engineers, petroleum engineers, oil field consultant, well servicing/workover/ completion staff and field production staff.

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.

Course Fee

US$ 8,000 per Delegate + **VAT**.This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

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

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: -

- 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.

- 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.

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, BSc, is a **Senior Drilling & Process Engineer** with over **40 years** of international experience within the **onshore** and **offshore oil and gas** industry. His wide experience covers **Asset Operational Integrity** for Operations, **Process Plant** Operations, Control & Troubleshooting, **Plant Shutdown** System & **Flare** Systems, **Heat Exchangers & Fired Heaters** Operation & Troubleshooting, **Gas Conditioning**, Treatment & Processing Technology, **Production Operations** in the Oil & Gas Fields & **Surface Facilities**, **LNG Process**, **Applied Process** Engineering Elements, **Production Control** Systems, Well Commissioning & Crude Oil Specifications, **Hydrogenation** & **Gasification** Technology, **Physical** & **Chemical** Solvents, Sulfide Stress Cracking (**SSC**), Hydrogen Induced Cracking (**HIC**), **Corrosion**, Steels & Alloys, **Fertilizer Manufacturing** Process Technology, **Fertilizer Storage** Management (Ammonia & Urea), **Process Calculation Methods**, **Directional Planning**, **Completion Design**, **Directional Surveying**, **Drilling Fluids**, **Matrix Acidizing**, **Hydraulic Fracturing**, **Well Completion** Design & Operation, **Cased Hole Formation Evaluation**, **Cased Hole Logs**, **Production** Management, **Drilling Operations**, **Directional Drilling**, **Gas Lift** Operations, **Petroleum Business**, **Petroleum Economics**, **Gas Lift Valve** Changing & Installation, **Horizontal & Multilateral Wells**, **Well Stimulation** & **Control** and **Workover Planning**, **Completions** & **Workover**, **Rig** Sizing, **Hole Cleaning** & **Logging**, **Well Completion**, **Servicing** & **Work-Over** Operations, Practical **Reservoir** Engineering, **X-mas Tree & Wellhead** Operations, Maintenance & Testing, **Advanced Petrophysics/Interpretation** of **Well Composite**, **Construction Integrity** & **Completion**, **Coiled Tubing Technology**, **Corrosion Control**, **Wireline & Coil Tubing**, **Pipeline Pigging**, **Corrosion Monitoring**, **Cathodic** Protection, Root Cause Analysis (**RCA**), Root Cause Failure Analysis (**RCFA**), **Production Safety** and **Delusion of Asphalt**. Currently, he is the **Operations Manager** 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 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. 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 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**, **Drilling** & **Workover Engineer**, **Process Engineer**, **Operations Consultant** and **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's** 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: ***Sunday, 13th of April 2025***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Overview of Rigless Operations:*** *Definition, Types and Advantages Over Traditional Methods*
0930 – 0945	*Break*
0945 – 1030	***Safety Protocols in Rigless Operations:*** *Essential Safety Measures and Equipment*
1030 – 1230	***Rigless Equipment & Tools:*** *Introduction to Commonly Used Equipment in Rigless Operations*
1230 – 1245	*Break*
1245 – 1420	***Planning & Preparation:*** *Steps for Successful Rigless Operation Planning*
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2: ***Monday, 14th of April 2025***

0730 – 0930	***Case Studies:*** *Real-world Examples of Successful Rigless Operations*
0930 – 0945	*Break*
0945 – 1100	***Well Intervention:*** *Techniques and Equipment Used in Well Intervention without a Rig*
1100 – 1230	***Coiled Tubing Operations:*** *Detailed understanding of coiled tubing and its applications*
1230 – 1245	*Break*
1245 – 1420	***Wireline Operations:*** *Introduction to Wireline Services and their Importance*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3: ***Tuesday, 15th of April 2025***

0730 – 0930	***Snubbing Operations:*** *The Role of Snubbing in Rigless Operations*
0930 – 0945	*Break*
0945 – 1100	***Hydraulic Workover Operations:*** *Techniques and Applications*
1100 – 1230	***Emergency Intervention:*** *Types of Emergencies in Rigless Operations*
1230 – 1245	*Break*
1245 – 1420	***Emergency Response Planning:*** *Effective Strategies for Emergency Preparedness*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4: ***Wednesday, 16th of April 2025***

0730 – 0930	***Risk Assessment & Management:*** *Tools and Techniques for Risk Evaluation*
0930 – 0945	*Break*
0945 – 1100	***HSE Policies in Emergency Situations:*** *Health, Safety, and Environment Considerations*
1100 – 1230	***Emergency Equipment & Tools:*** *Specialized Equipment for Handling Emergencies*

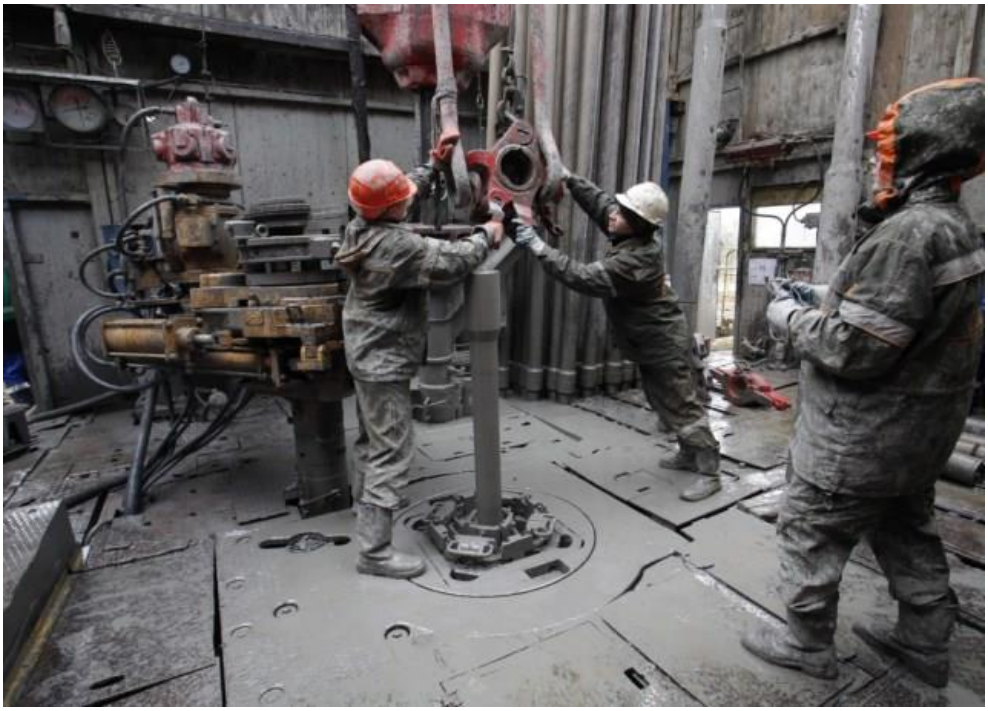
1230 – 1245	*Break*
1245 – 1420	***Exercises:*** *Practical Scenarios and Drills*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5: ***Thursday, 17th of April 2025***

0730 – 0930	***Project Management Principles:*** *Key Concepts in Managing Rigless Operation Projects*
0930 – 0945	*Break*
0945 – 1100	***Cost Management:*** *Strategies for Cost-Effective Operations*
1100 – 1230	***Operational Excellence:*** *Techniques for Enhancing Operational Efficiency*
1230 – 1245	*Break*
1245 – 1345	***Quality Assurance & Control:*** *Ensuring the Quality of Operations*
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

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