



COURSE OVERVIEW DE1014-4D Stuck Pipe Prevention & Fishing Operation

Course Title

Stuck Pipe Prevention & Fishing Operation

Course Date/Venue

November 18-21, 2024/Ajman Meeting Room,
Grand Millennium Al Wahda Hotel, Abu Dhabi,
UAE

Course Reference

DE1014-4D

Course Duration/Credits

Four days/2.4 CEUs/24 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 stuck pipe prevention and fishing operations. It covers the well configuration and condition; the drilling fluids optimization; the stuck pipe type and mechanism; the free point and pipe cuttings; and the fundamental fishing roles.

During this interactive course, participants will learn the job planning, fishing for parted pipe, washover operations and jarring and jar placement; the cased hole fishing, fishing in cavities and fishing for junk; the milling operations and fishing in horizontal wells; the casing repair, horizontal well fishing and fishing economics; the workover operations, workover planning and wireline fishing; and the coiled-tubing fishing operations and thru-tubing fishing.



Course Objectives

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

- Apply and gain an in-depth knowledge on stuck pipe prevention and fishing operation
- Carryout well configuration and condition as well as drilling fluids optimization
- Recognize stuck pipe type and mechanism including free point and pipe cutting
- Discuss the fundamental of fishing rules and apply job planning
- Determine fishing for parted pipe, washover operations, jarring and jar placement
- Employ cased hole fishing, fishing in cavities, fishing for junk, milling operation and fishing in horizontal wells
- Apply casing repair, horizontal well fishing and fishing economics
- Carryout workover operations, workover planning, wireline fishing, coiled-tubing fishing operations and thru-tubing fishing

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 stuck pipe prevention and fishing operation for drilling operations section leaders, drilling engineering supervisors, well engineers, petroleum engineers, 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 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: -

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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 **2.4 CEUs** (Continuing Education Units) or **24 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.

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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 Fee

US\$ 6,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.



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. Hesham Abdou, PhD, MSc, BSc, is a Senior Drilling & Petroleum Engineer with over 35 years of integrated industrial and academic experience as a University Professor. His specialization widely covers in the areas of Drilling & Completion Technology, Directional Drilling, Horizontal & Sidetracking, Drilling Operation Management, Drilling & Production Equipment, ERD Drilling & Stuck Pipe Prevention, Natural & Artificial Flow Well Completion, Well Testing Procedures & Evaluation, Well Performance, Coiled Tubing

Technology, Oil Recovery Methods Enhancement, Well Integrity Management, Well Casing & Cementing, Acid Gas Removal, Heavy Oil Production & Treatment Techniques, Crude Oil Testing & Water Analysis, Crude Oil & Water Sampling Procedures, Equipment Handling Procedures, Crude & Vacuum Process Technology, Gas Conditioning & Processing, Cooling Towers Operation & Troubleshooting, Sucker Rod Pumping, ESP & Gas Lift, PCP & Jet Pump, Pigging Operations, Electric Submersible Pumps (ESP), Progressive Cavity Pumps (PCP), Water Flooding, Water Lift Pumps Troubleshooting, Water System Design & Installation, Water Networks Design Procedures, Water Pumping Process, Pipelines, Pumps, Turbines, Heat Exchangers, Separators, Heaters, Compressors, Storage Tanks, Valves Selection, Compressors, Tank & Tank Farms Operations & Performance, Oil & Gas Transportation, Oil & Gas Production Strategies, Artificial Lift Methods, Piping & Pumping Operations, Oil & Water Source Wells Restoration, Pump Performance Monitoring, Rotor Bearing Modelling, Hydraulic Repairs & Cylinders, Root Cause Analysis, Vibration & Condition Monitoring, Piping Stress Analysis, Amine Gas Sweetening & Sulfur Recovery, Heat & Mass Transfer and Fluid Mechanics.

During his career life, Dr. Hesham held significant positions and dedication as the **General Manager, Petroleum Engineering Assistant General Manager, Workover Assistant General Manager, Workover Department Manager, Artificial Section Head, Oil & Gas Production Engineer and Senior Instructor/Lecturer** from various companies and universities such as the Cairo University, Helwan University, British University in Egypt, Banha University and Agiba Petroleum Company.

Dr. Hesham has **PhD and Master** degrees in **Mechanical Power Engineering** and a **Bachelor's** degree in **Petroleum Engineering**. Further, he is a **Certified Instructor/Trainer** and a **Peer Reviewer**. Dr. Hesham is a member of Egyptian Engineering Syndicate and the Society of Petroleum Engineering. Moreover, he has published technical papers and journals and has delivered numerous trainings, workshops, courses, seminars and conferences internationally.

Accommodation

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

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: Monday, 18th of November 2024

0730 - 0800	<i>Registration & Coffee</i>
0800 - 0815	<i>Welcome & Introduction</i>
0815 - 0830	PRE-TEST
0830 - 0930	Introduction
0930 - 0945	<i>Break</i>
0945 - 1100	Well Configuration & Conditions
1100 - 1230	Drilling Fluids Optimization
1230 - 1245	<i>Break</i>
1245 - 1330	Stuck Pipe Type & Mechanism
1330 - 1420	Free Point & Pipe Cuttings
1420 - 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2: Tuesday, 19th of November 2024

0730 - 0830	Fundamental Fishing Roles
0830 - 0930	Job Planning
0930 - 0945	<i>Break</i>
0945 - 1045	Fishing for Parted Pipe
1045 - 1145	Washover Operations
1145 - 1230	Jarring & Jar Placement
1230 - 1245	<i>Break</i>
1245 - 1345	Cashed Hole Fishing
1345 - 1420	Fishing in Cavities
1420 - 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3: Wednesday, 20th of November 2024

0730 - 0830	Fishing for Junk
0830 - 0930	Milling Operation
0930 - 0945	<i>Break</i>
0945 - 1045	Fishing in Horizontal Wells
1045 - 1145	Casing Repair
1145 - 1230	Horizontal Well Fishing
1230 - 1245	<i>Break</i>
1245 - 1330	Fishing Economics
1330 - 1420	Workover Operations
1420 - 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4: Thursday, 21st of November 2024

0730 - 0830	<i>Workover Planning</i>
0830 - 0930	<i>Wireline Fishing</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Coiled-Tubing Fishing Operations</i>
1100 - 1230	<i>Thru-Tubing Fishing</i>
1230 - 1245	<i>Break</i>
1245 - 1345	<i>Thru-Tubing Fishing (cont'd)</i>
1345 - 1400	<i>Course Conclusion</i>
1400 - 1415	POST-TEST
1415 - 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>

Practical Sessions

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



Course Coordinator

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