COURSE OVERVIEW DE0794
Well Abandonment - Plug, Abandonment and Decommissioning

Course Title
Well Abandonment - Plug, Abandonment and Decommissioning



Course Date/Venue
Session 1: March 21-25, 2027/Meeting Plus 9, City Centre Rotana, Doha, Qatar
Session 2: September 05-09, 2027/Meeting Plus 9, City Centre Rotana, Doha, Qatar

Course Reference
DE0794

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 well abandonment. It covers the current industry practices and objectives of well abandonment; the impact of prescriptive and goal-oriented regulation; the current good practice and internationally adopted guidelines; the industry performance to date, public perception and reputation management and common abandonment methods; the abandonment design process and management of risk; the importance of geological assessment, the impact of well architecture and current condition and the ideal data set; the typical abandonment risks and risk management; the importance of known unknowns, equipment and services; and the rig and services requirements.

During this interactive course, participants will learn the barrier material options, rigless alternatives, novel methods and new and novel technologies; the well abandonment cost estimation good practices; the types of estimate and their limitations; the classes of estimate and their application; the basis of estimate, causes of cost overrun, deterministic versus probabilistic estimates and financial provision options and their implications; executing good practices and cost reduction opportunities; the good practices in project planning, operations management, campaigning, scheduling and simultaneous operations; and the options for contracting strategy.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain in-depth knowledge on well abandonment
- Discuss the current industry practices and the objectives of well abandonment
- Recognize the impact of prescriptive and goal-oriented regulation
- Apply the current good practice and internationally adopted guidelines
- Carryout industry performance to date, public perception and reputation management and common abandonment methods
- Illustrate abandonment design process and management of risk as well as recognize the importance of geological assessment, the impact of well architecture and current condition and the ideal data set
- Identify the typical abandonment risks, risk management, the importance of known unknowns, equipment services and the rig and services requirements
- Recognize barrier material options, rigless alternatives, novel methods and new and novel technologies
- Carryout well abandonment cost estimation good practices and identify the types of estimate and their limitations, classes of estimate and their application and the basis of estimate
- Recognize the causes of cost overrun, deterministic versus probabilistic estimates and the financial provision options and their implications
- Apply execution of good practices and cost reduction opportunities, good practices in project planning, operations management, campaigning, scheduling and simultaneous operations and the options for contracting strategy

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 well abandonment for production engineers, well engineers, project execution engineers, team leaders and managers responsible for abandonment design and for those who are involved in abandonment planning, cost provisioning or execution management.

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.

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

Haward's 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**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). 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:



Mr. Samer Shukri, BSc, IWCF, is a **Senior Drilling & Petroleum Engineer** with over **25 years** of **offshore** and **onshore** experience in the **Oil** & **Gas**, **Refinery** & **Petrochemical** industries. His wide expertise includes **Workovers & Completions**, **Well Completion** Design & Operations, **Well Intervention**, **Well Life Cyle**, **Well Stimulation** & **Workover** Planning, **Workover** Practices, **Workover** Operations, **Well Integrity** System, **Well Control**, **Oil & Water Wells**, **Workover/Remedial** Operations & **Heavy Oil** Technology, Plug & Abandonment of **Oil & Gas Wells**, **Petroleum** Engineering, **Open Hole & Cased Hole Logs**, **Petroleum Risk & Decision** Analysis, **Well Testing** Analysis, **Stimulation** Operations, **Coiled Tubing** Operations, **Coiled Tubing Equipment**, **Rigless** Operations, **Reserves Evaluation**, **Reservoir Fluid** Properties, **Reservoir** Engineering & Simulation Studies, **Reservoir** Monitoring, **Geology & Reservoir** Engineering, **Artificial Lift Design**, **Gas** Operations, **Applied Water** Technology, **Oil & Gas Production**, **X-mas Tree** & **Wellhead** Operations & **Testing**, **Wellbore Design & Construction**, **Drilling Fluids & Solids Control**, **Drilling Fluids & Cementing** Operations, **Drilling Practices & Techniques**, **Well Control & Blow Out Prevention**, **Stuck Piping & Fishing** Operations, **Rig Equipment** Maintenance & Inspection, **Rigging & Lifting** Operations, **WellCAP** Driller, **WellCAP** Supervisor, **Artificial Lift** Systems (**Gas Lift**, **ESP** and **Rod Pumping**), **Well Cementing**, **Oil Field Cementing**, **Production Optimization**, **PLT** Correlation, **Slickline** Operations, **Well Testing**, **Production Logging**, **Wireline Logging**, **Wireline** Technology, **Wireline Fishing** Operations, **Project Evaluation** & **Economic Analysis**. Further, he is also well-versed in Marine Environment Protection, Maritime Professional Training, Operational Audit, Improvement, Planning & Management, Climate Change & Emissions Trading Services, International Trade & Shipping, **Fitness for Service-API 579**, **Refining Process & Petroleum** Products, **OSHA** (General Industry & Construction), **IOSH** (Managing Safely, Working Safely), **HSE** Standards & Procedures in the Oilfield, HSE Principles, Incident Prevention & Incidents, Working at Height, **First Aid**, **H2S** Awareness, Defensive Driving, Risk Assessment, Authorized Gas Tester (**AGT**), Confined Space Entry (**CSE**), Root Cause Analysis (**RCA**), Negotiation & Persuasion Skills, **ISO-9001** Quality Management System (**QMS**), ISO-14001 Environmental Management System (**EMS**), **ISO-45001** Occupational Health and Safety Management System (**OHSMS**), **ISO-17020** Conformity Assessment, ISO/TS-29001 Quality Management System, **IOS-50001**-Energy Management System (**EnM**S) and Basic Offshore Safety Induction & Emergency. Currently, he is actively involved in **Project Management** with special emphasis in **commissioning of new wells**, **completion design**, **well integrity** management, **production technology** and field optimization, performing conceptual studies, economic analysis with risk assessment and field development planning.

During his career life, Mr. Samer has gained his field experience through his various significant positions and dedication as the **Senior Production Engineer**, **Well Services Department Head**, **Senior Well Services Supervisor**, **Senior Well Integrity Engineer**, **Senior HSE Engineer**, **Well Services Supervisor**, **Drilling/Workover Supervisor**, **International oil & Gas Trainer**, **Leadership & Management Instructor** and **Senior Instructor/Trainer** from the various international companies such as the ADCO, Al Furat Petroleum Company (AFPC), Syrian Petroleum Company (SPC), Petrotech, Global Horizon-UK, HDTC, Petroleum Engineers Association, STC, Basra University and Velesto Drilling Academy, just to name a few.

Mr. Samer has **Bachelor's** degree in **Petroleum Engineering**. Further, he is an **Accredited IWCF Drilling & Well Intervention Instructor**, a **Certified Instructor/Trainer**, a **Certified Train-the-Trainer** and further delivered innumerable training courses, seminars, conferences and workshops worldwide.

Training Methodology

Our courses employ an interactive, learner-centred methodology that integrates theoretical knowledge with practical application. The training is delivered through a suitable combination of some or all of the following methods, selected according to the course content and learning objectives:

- Instructor-led presentations and facilitated discussions
- Practical workshops and participant presentations
- Hands-on exercises and real-world case studies
- Equipment demonstrations and technical drawings
- Hardware- and software-based simulations
- Gamification & Role Play in soft-skills courses only
- Virtual Reality (VR) and Augmented Reality (AR)
- Instructional videos and other relevant training resources

This blended approach encourages active participation, strengthens practical skills and supports the effective application of acquired knowledge in the workplace.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

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 – 0930	***Introduction & Current Industry Practices***
0930 – 0945	*Break*
0945 – 1045	***The Objectives of Well Abandonment***
1045 – 1145	***The Impact of Prescriptive & Goal-Oriented Regulation***
1145 - 1200	***Current Good Practice & Internationally Adopted Guidelines***
1200 - 1230	***Industry Performance to Date***
1230 – 1245	*Break*
1245 - 1420	***Public Perception & Reputation Management***
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2

0730 – 0830	***Common Abandonment Methods***
0830 – 0930	***Abandonment Design Process & Management of Risk***
0930 – 0945	*Break*
0945 – 1100	***The Importance of Geological Assessment***
1100 – 1230	***The Impact of Well Architecture & Current Condition***
1230 – 1245	*Break*
1245 – 1330	***The Ideal Data Set***

1330 – 1400	***Typical Abandonment Risks***
1400 - 1420	***Risk Management & The Importance of Known Unknowns***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0830	***Equipment & Services***
0830 – 0845	*Break*
0845 – 0945	***Rig & Services Requirements***
0945 – 1100	***Barrier Material Options***
1100 – 1230	***Rigless Alternatives***
1230 – 1315	***Novel Methods***
1315 – 1330	*Break*
1330 – 1400	***New & Novel Technologies***
1400 - 1420	***Well Abandonment Cost Estimation Good Practices***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

0730 – 0830	***Types of Estimates & their Limitations***
0830 – 0845	*Break*
0845 – 0945	***Classes of Estimate & their Application***
0945 – 1100	***Basis of Estimate***
1100 – 1230	*Lunch*
1230 – 1315	***Causes of Cost Overrun***
1315 – 1330	***Deterministic Versus Probabilistic Estimates***
1330 – 1400	*Break*
1400 - 1420	***Financial Provision Options & their Implications***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

0730 – 0800	***Execution Good Practices & Cost Reduction Opportunities***
0800 – 0815	*Break*
0815 – 0830	***Good Practices in Project Planning***
0830 – 0945	***Operations Management***
0945 – 1045	***Campaigning***
1045 – 1145	***Scheduling & Simultaneous Operations***
1145 - 1200	*Break*
1200 - 1345	***Options for Contracting Strategy***
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

Jaryl Castillo, Tel: +974 6652 9196, Email: jaryl@haward.org