COURSE OVERVIEW DE0969

Preparation for Drilling Site Location

(Site Levelling, Excavating & Trenching; Conductor Hole, Rat Hole & Mouse Hole; Transporting Equipment, etc.)

Course Title

Preparation for Drilling Site Location (*Site Levelling, Excavating & Trenching; Conductor Hole, Rat Hole & Mouse Hole; Transporting Equipment, etc.*)

Course Date/Venue

Session 1: April 20-24, 2025/Meeting Plus 8, City Centre Rotana Doha Hotel, Doha, Qatar

Session 2: September 14-18, 2025/Meeting Plus 8, City Centre Rotana Doha Hotel, Doha, Qatar

Course Reference

DE0969

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 preparation for drilling site location; it covers the criteria for criteria for location. Selection, including a good well construction; the surface footprint; the geological prognosis on spotting; the well and rig selection to achieve the scope of work; the AFE preparation, economics and early mobilization of materials with long delivery.

At the completion of the course, participants will be able to apply RP as per API specs for site preparation course permits, authorizations and safety regulations; level .the site using geotechnical survey and location survey; illustrate excavation; the trenching of conductor hole, rathole, mousehole; the hammer driving; recognize conductor pipe, transportation of equipment; the materials to location; identify drill pad, truck transportation, for unloading goods in position for rig; determine mud and tanks at drill site; rig on site rigging up all components, safety rules; substructures; associated equipment; and recognize potential hazards, rig floor and mast or derrick erection.

Course Objectives

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

- Apply and gain an in-depth knowledge on the preparation for drilling site location
- Describe the criteria for location selection including a good well construction and surface footprint.
- Discuss the geological prognosis on spotting the well and rig selection to achieve the scope of work
- Carryout AFE preparation, economics and early mobilization of materials with long delivery
- Apply RP as per API specs for site preparation covering permits, authorizations, planning, studies and safety regulations
- Perform site preparation including safety rules
- Level the site using geotechnical survey and location survey
- Illustrate excavation and trenching of conductor hole, rathole, mousehole and hammer driving if required
- Recognize conductor pipe, transportation of equipment and materials to location
- Discuss drill pad and truck transportation for unloading goods in position for rig
- Determine mud and tanks at drill site, rig on site rigging up all components, safety rules, substructures and associated equipment
- Recognize potential hazards, rig floor and mast or derrick erection

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 preparation for drilling site location for all drilling engineers, geologists, drilling foremen, geology technicians, drillers, rig superintendents, rig mechanics, well oil engineers, mud engineers, mud technicians and derrickmen.

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

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:

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

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 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 to Preparation of Site for Drilling***
0930 – 0945	*Break*
0945 – 1100	***Criteria for Location Selection*** *Understanding a Good Well Construction & Surface Footprint*
1100 – 1230	***Geological Prognosis*** *Spotting the Well*
1230 – 1245	*Break*
1245 – 1420	***Geological Prognosis (cont'd)*** *Rig Selection to Achieve the Scope of Work*
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2

0730 – 0900	***AFE Preparation*** *Permissions • Rights • Environment*
0900 – 0915	*Break*
0915 – 1045	***Economics*** *Cost • Time Estimate*
1045 – 1230	***Early Mobilization of Materials with Long Delivery*** *Water Source for Adequate Support on Operations*
1230 – 1245	*Break*
1245 – 1420	***RP as per API Specs for Site Preparation*** *Permits & Authorizations • Planning including Cellar Option, Pad, Water Supply & Easy Access to Work • Studies & Safety*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0900	***Site Preparation including Safety Rules***
0900 – 0915	*Break*
0915 – 1045	***Levelling the Site*** *Geotechnical Survey/Location Survey*
1045 – 1230	***Excavation & Trenching*** *Conductor Hole • Rathole • Mousehole • Hammer Driving if Required*
1230 – 1245	*Break*
1245 – 1420	***Conductor Pipe*** *SOP in Offshore Case*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

0730 – 0900	***Transportation of Equipment & Materials to Location*** *Access Roads & Permissions*
0900 – 0915	*Break*
0915 – 1045	***Drill Pad & Truck Transportation*** *Unloading Goods in Position for Rig Up*
1045 – 1230	***Mud & Tanks at Drill Site***
1230 – 1245	*Break*
1245 – 1420	***Rig on Site Rigging Up All Components Up & Safety Rules***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

0730 – 0900	***Substructures & Associated Equipment***
0900 – 0915	*Break*
0915 – 1045	***Potential Hazards***
1045 – 1230	***Potential Hazards (cont'd)***
1230 – 1245	*Break*
1245 – 1345	***Rig Floor & Mast or Derrick Erection***
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