

COURSE OVERVIEW DE0330(KJ1)
Blowout Preventer (BOP) Cameron Control Systems
(Operations & Maintenance)

Course Title

Blowout Preventer (BOP) Cameron Control Systems (Operations & Maintenance)

Course Date/Venue

Session 1: April 27-May 01, 2025/Boardroom 1,
Elite Byblos Hotel Al Barsha, Sheikh
Zayed Road, Dubai, UAE

Session 2: September 29-October 03, 2025/
Fujairah Meeting Room, Grand
Millennium Al Wahda Hotel, Abu Dhabi,
UAE



Course Reference

DE0330(KJ1)



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 Control and Blowout Prevention. It covers the origin of abnormal pressures and how to detect pressures; the well control procedures and associated problems with well control operations; the rules & regulations in relation to well control and blowout prevention; the origin of abnormal pressure; and the method of predicting formation pressure and the warning signs of kicks.



During this interactive course, participants will learn the causes of kicks and be able to review and employ well control procedures; the shallow gas kicks, diverters and closing systems; the equipment limitations and unusual well control methods; and the well control in horizontal wells and the associated problems including lost circulation, well control when pipe is off bottom, hole in drill pipe, handling contaminations, small influx & trip gas.

Course Objectives

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

- Apply and gain a basic knowledge on blowout prevention
- Recognize the origin of abnormal pressures, how to detect pressures, well control procedures and the associated problems with well control operations
- Identify the rules and regulations in relation to well control and blowout prevention and the origin of abnormal pressure
- Distinguish the method of predicting formation pressure and the warning signs of kicks
- Determine the causes of kicks and be able to review & employ well control procedures
- Describe shallow gas kicks and be able to acquire knowledge on diverters & closing systems
- Acquaint with the equipment limitations and be able to perform unusual well control methods
- Emphasize well control in horizontal wells and recognize the associated problems including lost circulation, well control when pipe is off bottom, hole in drill pipe, handling contaminations, small influx and trip gas

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 a wider and deeper appreciation of blowout prevention for drilling engineers, field engineers, petroleum engineers and other drilling & technical staff involved in drilling & work-over operations.

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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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.

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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 **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.

Accommodation

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

Course Fee

US\$ 8,000 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:



Mr. Yasser Almasood is a **Senior Petroleum Engineer** with almost **20 years** of industrial experience within the, **Oil & Gas, Refinery** and **Petrochemical** industries. His wide expertise covers in the areas of **Gas Condensate Reservoir Management, Gas Condensate Fields Development, Hydrocarbon Reservoir, Production Operations, Process Reactor Operation & Troubleshooting, Catalytic Reactors, Heat Exchanger, Distillation Columns, Pumps, Distributed Control System (DCS), Catalytic Reformer Unit, Polymerization, Dehydrogenation, Gas Processing Plant Operations & Control, Gas Processing Monitoring & Troubleshooting, Process Plant Start-up Commissioning & Troubleshooting, Process Plant Optimization & Energy Conservation, Process Equipment Design & Troubleshooting, Advanced Operation Skills, Refinery Process Yield Optimization, Oil & Gas Processing, Troubleshooting Oil & Gas Processing Facilities, Polymers & Polymerization, Applied Process Engineering, Process Plant Troubleshooting & Engineering Problem Solving, Process Plant Performance & Efficiency, Flare Blowdown & Pressure Relief Systems, Polypropylene Manufacturing, Polyethylene & Process Troubleshooting, Ammonia, Ethylene, Solvents, Gas Feed, EDC, VCM, PP, PVC, Chlorine, Fluidized Bed Reactor, Oil Movement & Storage, Power Plant Chemistry, Catalyst Manufacturing Techniques, Fuel Systems Management, Process Design & Optimization, Desalination Processes, Reverse Osmosis and Molecular Sieves.** Further, he is also well-versed in **HAZOP, Advanced Process Hazard Analysis, Safety Management, Environmental Safety Management, LOPA & SIL, Process Safety Management (PSM), Incident investigation & Root Cause Analysis, Emergency & Crisis Management, Safety Audit & Site, Inspection, Inspection of Fire Equipment & Tools, Fire Protection & Prevention, Worker Protection from Radiation Work Permits, IGC International General Certificate in Occupational Safety & Health, Risk Assessment, Risk Associated with Low Level Radiation Exposure, Hydrogen Sulfide (H₂S) Safety, Personal Protective Equipment, Lock-Out & Tag-Out, OSHA Occupational Safety & Health, Radiation & Contamination, Scientific Notation, Exposure Rate & Shielding Calculations, Excavations & Trenching, Permit-to-Work, Aspentech, Aspen HYSYS, Pro II, exSILentia, OLGA, Flare System Analyzer, Aspen PIMS, DYN SIM, RiskWISE, MS Office and IBM Maximo.**

During his career life, Mr. Yasser has gained his practical and field experience through his various significant positions and dedication as the **Senior Process Engineer, Process Engineer, Oil & Gas Process & Safety Instructor, On-Job Instructor, Process Senior Operator, Acting DCS Operator and Shift Controller** for various multi-national companies such as the **ADNOC Gas Processing (GASCO), Conoco Phillips Gas Plant and Syrian Gas Company (SGC).**

Mr. Yasser has a **Bachelor's degree in Petroleum Engineering.** Further, he is a **Certified Instructor/Trainer, a Certified Trainer/Assessor/Internal Verifier** by the **Institute of Leadership & Management (ILM)** and has further delivered numerous training, courses, workshops, seminars and conferences worldwide.

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	<i>Registration & Coffee</i>
0800 – 0815	<i>Welcome & Introduction</i>
0815 – 0830	PRE-TEST
0830 – 0930	Rules and Regulations
0930 – 0945	<i>Break</i>
0945 – 1100	Origin of Abnormal Pressure
1100 – 1230	Predicting Formation Pressure
1230 – 1245	<i>Break</i>
1245 – 1420	Predicting Formation Pressure (cont'd)
1420 – 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2

0730 – 0900	Warning Signs of Kicks
0900 – 0915	<i>Break</i>
0915 – 1100	Warning Signs of Kicks (cont'd)
1100 – 1230	Causes of Kicks
1230 – 1245	<i>Break</i>
1245 – 1420	Causes of Kicks (cont'd)
1420 – 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3

0730 – 0900	Well Control Procedures
0900 – 0915	<i>Break</i>
0915 – 1100	Well Control Procedures (cont'd)
1100 – 1230	Shallow Gas Kicks
1230 – 1245	<i>Break</i>
1245 – 1420	Shallow Gas Kicks (cont'd)
1420 – 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4

0730 – 0900	Diverters & Closing Systems
0900 – 0915	<i>Break</i>
0915 – 1100	Equipment Limitations
1100 – 1230	Unusual Well Control Methods
1230 – 1245	<i>Break</i>
1245 – 1420	Unusual Well Control Methods (cont'd)
1420 – 1430	Recap
1430	<i>Lunch & End of Day Four</i>

Day 5

0730 – 0930	Well Control in Horizontal Wells
0930 – 0945	<i>Break</i>
0945 – 1100	Associated Problems <i>Lost Circulation • Well Control when Pipe is Off Bottom • Hole in Drill Pipe</i>
1100 – 1215	Associated Problems (cont'd) <i>More than One Kick • Determining Standpipe SIP with Float in the String</i>
1215 – 1230	<i>Break</i>
1230 – 1345	Associated Problems (cont'd) <i>Handling Contaminations • Small Influx and Trip Gas</i>
1345 – 1400	Course Conclusion
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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