



# ABERDEEN DRILLING INTERNATIONAL

## IWCF Well Intervention Pressure Control

### COURSE OVERVIEW

The Well Intervention Pressure Control course is offered at the following levels:

- Level 2 – 4-Days training for Drilling and Wells Personnel, Basic Training
- Level 3 – 5-Days training for Operator Level
- Level 4 – 5-Days training for Supervisor Level

These courses are offered with IWCF certification and follow the new progressive, role specific curriculum.

Each course concludes with up to 5 (2 compulsory and up to 3 optional) closed-book examinations leading to the required certificate of competence in well intervention.

The compulsory examinations are:

- Completion Equipment
- Completion Operations

In addition, a minimum of 1 and maximum of 3 examinations are required from:

- Coiled Tubing Operations
- Wireline Operations
- Snubbing Operations

### DESIGNED FOR

This course is aimed at persons in critical positions involving well control during well intervention operations. Well Intervention Pressure Control courses are offered at various role-specific levels for well services personnel with a requirement to hold an IWCF or IADC Well Control certificate.

**Level 2** is designed for first-time candidates.

**Level 3** is designed for operators.

**Level 4** is designed for supervisors.

To view the full list of recommended job titles, please refer to the IWCF website: [www.iwcf.org/programmes](http://www.iwcf.org/programmes)

Please note: IWCF training levels 2 to 4 are designed to be sequential and first-time candidates are expected to complete Level 2 before progressing to Level 3 or 4. However, the training levels are also designed to be role-specific and dependent on the candidate's work experience. For guidance and advice on which level of training you are eligible for, please get in touch.



## Overview

The aim of the **IWCF Level 2 (Introductory) Well Intervention Pressure Control** course is to develop the candidate's knowledge and understanding of well intervention pressure control. The Level 2 course focuses on the duties and responsibilities of an individual working in Drilling and Wells Personnel, well site based operations role. The course includes compulsory training and assessment in Completion Equipment and Completion Operations; with optional modules including Coiled Tubing Operations, Wireline Operations, and Snubbing Operations (at least one of the optional modules must be selected).

The aim of the **IWCF Level 3 (Operator) Well Intervention Pressure Control** course is to develop the candidate's knowledge and understanding of well intervention pressure control. The Level 3 course focuses on the duties and responsibilities of an individual working in a Operator role. The course includes compulsory training and assessment in Completion Equipment and Completion Operations; with optional modules including Coiled Tubing Operations, Wireline Operations, and Snubbing Operations (at least one of the optional modules must be selected).

The aim of the **IWCF Level 4 (Supervisor) Well Intervention Pressure Control** course is to develop the candidate's knowledge and understanding of well intervention pressure control. The Level 4 course focuses on the duties and responsibilities of an individual working in a supervisory role. The course includes compulsory training and assessment in Completion Equipment and Completion Operations; with optional modules including Coiled Tubing Operations, Wireline Operations, and Snubbing Operations (at least one of the optional modules must be selected).

## Course Delivery

The course is delivered through presentation of a series of interactive lectures supported by videos and animations, supplemented by a classroom workbook and further self-study exercises. The course is delivered over 5 days depending on the location and includes IWCF written assessments on the final day.

## Certification

Candidates must select a minimum of 1 optional well intervention module from the 3 available to be assessed in. Optional modules are i) Coiled Tubing Operations, ii) Wireline Operations, and ii) Snubbing Operations.

Please be advised that the selection cannot be changed once the assessment is completed. Successful completion of the course and a pass mark of 70% or above in all IWCF written assessments will result in IWCF Level 3 & 4 certification which is valid for two years. For Level 2 certification is valid for 5 years.



## **COURSE CONTENT (SAMPLE)**

### **Completions equipment**

The function, application and positioning of a wide range of completions equipment and the purpose and function of xmas trees in pressure control.

### **Slickline operations**

The function and operation of slickline and braided line well control equipment including BOP's, grease control heads, stuffing box, lubricator and ball check valves. The appropriate BOP stack up for different wireline intervention operations will be discussed. The necessary check and test procedures will be reviewed in detail. The correct rig up and testing procedures will be evaluated.

### **Coiled tubing operations**

Coiled tubing well control will be presented, which covers pressurised deployment systems, check valves, internal well control devices, strippers and coiled tubing BOP's. The correct rig up and testing procedures will be reviewed.

### **Snubbing operations**

A detailed discussion on the BOP requirements for snubbing operations will be presented. The appropriate BOP stack configurations will be explained for different snubbing operations. The function and operation of internal well control devices, adjustable and fixed chokes, valves etc. will be assessed. The correct rig up and testing procedures will be reviewed.

### **Well control procedures**

Detailed descriptions and explanations for the various well control methods will be provided with a review of the advantages and disadvantages of each method for a given application. Underpinning this discussion is an appreciation of barrier philosophy and pressure control management.