Well Control Equipment Third Party Witness

The Boots & Coots Wellhead Pressure Control Equipment (WPCE) Third Party Witness service provides clients with representation independent of the Original Equipment Manufacturer (OEM) to monitor the assembly and hydrostatic testing of new build surface pressure control equipment used in drilling, completions, or intervention. The services include both Factory Acceptance Testing (FAT) and Site Integration Testing (SIT) witness and reporting. Boots & Coots offers WPCE Third Party Witness services for documentation review for compliance to specified regulatory standards.

Areas Addressed

Utilizing the applicable API Specification and Standard section(s) and the OEM product specific quality control documents, testing procedures are conducted. A meeting is conducted prior to any testing to assure the Scope of Work is correctly understood by the involved parties and any differences are resolved in advance of testing. Following facility safety training and orientation and prior to beginning the testing, each recording device calibration record is checked and verified as within standards. During each stage of the hydrostatic testing the third party witness observes the equipment assembly and configuration. Each test is evaluated throughout the test cycle on an Accept / Reject basis.

In the event of a reject test result, the testing is suspended to allow the OEM QA and Engineering groups to evaluate the non-conformance. Their evaluation and resolution are noted and testing resumes at the appropriate stage, which in some cases may be the initial test for the system. At the conclusion of each test, the result is recorded on the OEM’s calibrated recording devise(s) and noted in the witness notes.

The Boots & Coots WPCE Third Party Witness remains with the equipment testing control or when the equipment is depressurized and approved to approach, examines the equipment which was tested for abnormalities. WPCE being inspected and repaired or refurbished is also an important phase of the equipment life cycle record for which Boots & Coots can provide Third Party Witnessing.

On location, our Boots & Coots WPCE Third Party Witness observes the process of the Hydrostatic pressure testing BOP stack and related WPCE. If at any time the testing on any of the following components fail, then our personnel remain on location until the issue is resolved, testing is resumed to completion and all charts and paperwork has been verified.

- Blowout Preventer
- Kill and Choke Lines
- Choke Manifold Valves
- Inside BOP, FOSV
- Standpipe Manifold

For more information, contact your Boots & Coots representative or email us at boots-coots@halliburton.com.

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