



TECHNICAL CERTIFICATION PROGRAMS

Developing Workforce Competency. Strengthening Operational Assurance.



EWTC offers **three industry-developed programs** designed to improve safety, leadership and operational performance across well servicing operations.

WHY COMPETENCY MATTERS

The oilfield operates in a dynamic risk environment where operational decisions, technical knowledge and leadership directly impact safety, reliability and performance.

The Energy Workforce & Technology Council's Technical Programs were developed by operators, contractors, training providers and industry experts to establish measurable standards for workforce competency across well servicing operations.

OUTCOMES

- ➔ Reduced operational risk
- ➔ Standardized workforce development
- ➔ Verified technical competency
- ➔ Improved leadership readiness
- ➔ Industry-recognized certifications



Certified Rig Operator
Competency Program (CROCP)

SecureWell: Well Control and
Containment Certification Program

Person-In-Charge: Well Control
Supervisor Course



CERTIFIED RIG OPERATOR COMPETENCY PROGRAM

For Workover & Well Servicing Rigs



PROGRAM OVERVIEW

The Certified Rig Operator Competency Program (CROCP) is a performance-based certification framework developed by the Energy Workforce & Technology Council (EWTC) to establish, standardize, and elevate operational competency across the workover and well servicing industry.

Developed with direct input from operators, contractors, service companies, equipment manufacturers, training providers, and subject-matter experts, the CROCP represents an industry-wide commitment to disciplined execution and workforce development.

The program addresses the full lifecycle of workover and well servicing operations, from rig mobilization and mast erection through pressure testing, tubular operations, remedial workover, and final demobilization. It defines observable, field-measurable standards for knowledge, technical skill, behavioral discipline, and operational decision-making authority at every tier of the Certified Rig Operator (CRO) credential structure.

25

Operational Sections
Full job lifecycle

3

CRO Certification Levels
CRO I / II / III

5 YRS

Certification Validity
Per certification

STRATEGIC PURPOSE & INDUSTRY NEED

Workover and well servicing operations involve complex mechanical systems, pressurized equipment, challenging well conditions, and tightly coordinated crew execution. The risk environment is dynamic: mechanical, pressure containment, human exposure, and environmental conditions can shift rapidly. Competency alone is insufficient without clearly defined authority boundaries and structured escalation protocols.

The CROCP was created to address these challenges by delivering a unified framework that:

- Establishes a verifiable baseline of technical and operational competency for rig operators across all operating environments
- Promotes safe, structured, and disciplined job execution at every phase of the operational lifecycle
- Reinforces systematic risk identification, barrier verification, and mitigation of mechanical, hydraulic, and well control hazards
- Strengthens leadership behavior, crew communication, and real-time operational decision-making
- Supports consistency across varied rig types, job scopes, geographical regions, and operating environments
- Provides employers, operators, and contractors a recognized framework for workforce qualification, training development, and operational assurance



CERTIFICATION FRAMEWORK: THE THREE-TIER CRO STRUCTURE

The CROCP utilizes a three-level tiered credentialing structure. All candidates complete the same foundational curriculum; however, certification testing is level-specific and administered per the designation submitted by the employing company. Sequential progression through the levels is not required. Each certification is valid for five years, with CRO II and CRO III levels requiring current SecureWell certification as a prerequisite to active authority.

Level	Operational Authority	Escalation Responsibility	SecureWell Req.
CRO I Supervised Operator	Operates rig systems under assigned supervisory oversight; no independent authority	Immediate escalation of all abnormal conditions to supervisor	Not Required
CRO II Independent Operator	Authorized to operate rig independently within defined parameters; manages routine risk	Manages routine risk escalation; escalates high-consequence events	Required
CRO III Senior/Lead Operator	Exercises full field-level operational authority; command presence during critical events	Retains field command during critical events until relieved by management	Required

OPERATIONAL SCOPE: 25 COMPETENCY SECTIONS

The CROCP is structured into two primary parts spanning 25 discrete competency sections that mirror the actual operational sequence of a well servicing job from first truck roll out to final site departure. This structure ensures that competency assessment directly maps to real-world field execution, not theoretical constructs.

PART 1:

Introduction & Governance

- Program scope, definitions, terminology framework, and barrier philosophy
- CRO role definitions, competency matrix, and three-tier authority structure
- Prerequisite requirements, enrollment process, and advancement standards

PART 2:

Field Operations (25 Sections)

- Rig mobilization, equipment readiness, and preventive maintenance verification
- Spotting, mast erection, structural verification, and auxiliary equipment rig-up
- Circulation systems, pump operations, and fluid management
- Energy isolation (LOTO), bleed-down, and well kill procedures
- BOP installation, function testing, and pressure verification
- Full tubing and rod string operations: pulling, running, and BHA handling
- Gas lift equipment and Electric Submersible Pump (ESP) installation and removal
- Remedial workover objectives and specialized completion programs
- Rig-down, demobilization, and site restoration



Containment Well Control Training

The SecureWell Containment Well Control Training is a first-of-its-kind course that contains purpose-driven, comprehensive and practical training for cased hole well operations. Created by well control and well servicing experts, the course offers certification through classroom training, field assessment and skills verification.

Safe operations are profitable operations, and this course offers both operators and service contractors a way to ensure competency and impart domestic on-shore industry-level knowledge to their employees.



Learning Outcomes

Students will graduate this class with an understanding of basic well control methods, equipment and pressures associated with containment. They will be required to pass a knowledge test, followed by an assessment at a rig site by a certified field assessor.

Process

- Two-day classroom learning experience with an on-site field assessment taken within 90 days of class
- Field assessment includes:
 - Five operating environments that students are likely to encounter
 - Students will be questioned and asked to demonstrate their understanding of the operation



JOIN THE SAFETY REVOLUTION

Course Outline

- Introduction to Types of Work
- Plugging and Abandonment
- Production and Wellhead Equipment Overviews
- Moments of Exposure
- Inspection & Verification of Equipment
- Downhole Tools
- Well Containment
- Barrier Management and Configurations
- Fluids and Brines
- Well Assessment Procedures
- Methods and Control
- Well Control Killing Methods
- Well Containment Math
- Atypical Scenarios
- Well Control Drill Scenarios

Testimonials

"Well control and containment skills are essential to keeping employees safe and crews operating efficiently. SecureWell is the only program that is 100% dedicated to well control and containment operations of cased hole well servicing, and is an invaluable course for companies dedicated to the safety and development of their employees."

Daniel Hinds
Energy Workforce Board Co-Chair
Vice President
Clearwell Dynamics

"SecureWell sets the new standard for well control and containment training for cased hole operations in well servicing. Companies now have a training program specific to the challenges that their employees may face and at a lower cost and investment of time. SecureWell also brings the added benefit of a program that covers the latest technology and skills from materials regularly updated by the industry leaders in well servicing."

Marshall Dodson
President & CEO
Key Energy Services

"We believe the SecureWell program fills a void in the well control training sector. This course equips crew members with the skills to address the unique issues around well control and containment for cased hole well servicing. We are confident the personnel holding SecureWell certifications are developing the proper techniques to perform their specialized work safely and efficiently."

Justin Bliffen
CEO & Founder
Brigade Energy Services



SECUREWELL WELLSITE / P.I.C.

WELL CONTROL SUPERVISOR COURSE

Built for Wellsite Leadership in Cased Hole Environments

The SecureWell Wellsite / P.I.C. (Person In Charge) course is a three-day advanced certification designed for rig managers, company representatives, wellsite consultants, and others tasked with leading well control and containment operations. Developed with input from major U.S. operators and well servicing executives, this program delivers the technical depth and real-world leadership skills needed at the supervisory level.



WHO SHOULD ATTEND

- Rig Managers
- Company Representatives
- Wellsite Consultants
- Designated Persons in Charge (PICs)

COURSE FOCUS AREAS

The SecureWell Wellsite / P.I.C. course covers the entire SecureWell curriculum, plus:

- Advanced well control strategies for cased-hole operations
- Barrier failure response and verification planning
- Surface and subsurface equipment review and critical containment principles
- SWOP management and organizational process safety
- Human factors, team leadership, and scenario judgment
- Real-world case studies and decision-making reviews
- Crew command and operational communication drills

WHY IT MATTERS

SecureWell Wellsite / P.I.C. course prepares your leadership to make operational decisions under pressure. The program builds command presence, enhances technical understanding, and reinforces safety oversight through interactive tabletops and regulatory context.



COURSE FORMAT

- ➔ Format: In-person classroom + interactive tabletops
- ➔ Duration: 3 days
- ➔ Assessment: Leadership and decision-making evaluations
- ➔ Recertification: Required every 2 years



CERTIFICATION OUTCOME

Participants who successfully complete the course will earn the SecureWell Wellsite / P.I.C. credential, a performance-based certification recognized across the oilfield service sector for supervisory well control competency.

BUILT TO OPERATOR STANDARDS

SecureWell Wellsite / P.I.C. course was created in collaboration with industry leaders who know that supervisory roles require more than procedural knowledge, they demand decisive leadership, deep technical understanding, and the ability to manage complex wellsite

**READY TO
CERTIFY
YOUR
LEADERSHIP?**



BUILT BY INDUSTRY. FOR INDUSTRY.

Developed with direct input from:

Operators

Contractors

Service companies

Equipment manufacturers

Training providers

Subject matter experts

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