

# WCE Recertification, Inspection, and Repair



## When it comes to well control equipment, you can never be too safe.

We lead the industry in defining, manufacturing, and servicing the highest quality well control equipment (WCE) products and standards in documentation and recertifications. You can rely on our industry-leading engineering, manufacturing, and service centers to maintain compliance.

As the premier coiled tubing WCE manufacturer, we continue to set the bar when it comes to superior equipment with pressure ratings up to 20,000 psi. Our strategically located global service, manufacturing, and warehouse centers ensure we deliver the products and services you need, when you need it.

### Services provided

- Function and pressure tests
- OEM recertifications
- Equipment traceability
- 24-hour support
- Online tracking and documentation
- Engineering and training support teams

### OEM recertification

Per API RP 16ST, a five-year recertification on all WCE is required. As the industry adopts this recommended practice, we are here to support your recertification needs.

We are the only OEM that can recertify Texas Oil Tools™ (TOT) WCE to original engineering specifications and warranty the equipment, providing peace of mind when meeting your HSE requirements.

## Level 1

### Repair

- Scope of work is outlined with customer, and TOT will confirm issues through testing when received
- Visual inspection and evaluation conducted with disassembly as needed
- Findings report and recommended repairs issued
- Once repairs are performed (per customer decision), items are pressure and function tested
- Paint and touch up when required or requested
- New COC issued for replacement parts and work performed

## Level 2

### Annual service recertification and maintenance

- Complete disassembly of equipment, cleaning as necessary for inspection
- Visual inspection and evaluation conducted in areas of concern for wear, damage, or corrosion  
*Parts suspected non-compliant during the visual inspection will undergo a dimensional inspection for repair consideration before replacement.*
- Dimensional inspection conducted on all ram bores and end connections
- Findings report and recommended repairs issued
- Once repairs are performed (per customer decision), items are pressure and function tested
- Paint and touch up when required or requested
- New COC issued for replacement parts and work performed

## Level 3

### Five-year recertification (inclusive of annual recertification and maintenance items, plus the following)

- Complete disassembly and cleaning of equipment to parent material(s) for inspection
- Visual, dimensional, and NDT inspection per TOT engineering designs and specifications on a per-part basis
- Gap analysis performed during inspection by reviewing any applicable PIB/PSB for the equipment
- Recoat and repaint as required

## Level 4

### Cold storage recertification (stored for 24+ months)

- Complete disassembly and cleaning of equipment to parent material(s) for inspection
- Visual inspection conducted on all parts for field use or exposure to well fluids or pressures.
- Gap analysis performed during inspection by reviewing any applicable PIB/PSB for the equipment
- All elastomers replaced
- Equipment will be reassembled and tested per applicable procedure
- Paint and touch up when required or requested
- New COC issued for replacement parts and work performed

### Unused recertification (stored for <24 months)

- Visual inspection conducted on all parts for field use or exposure to well fluids or pressures.
- Gap analysis performed during inspection by reviewing any applicable PIB/PSB for the equipment
- Elastomers replaced as needed
- Equipment will be reassembled and tested per applicable procedure
- Paint and touch up when required or requested
- New COC issued for replacement parts and work performed