



OIL & GAS SERVICES

PRODUCTION & PRESSURE CONTROL DIVISION

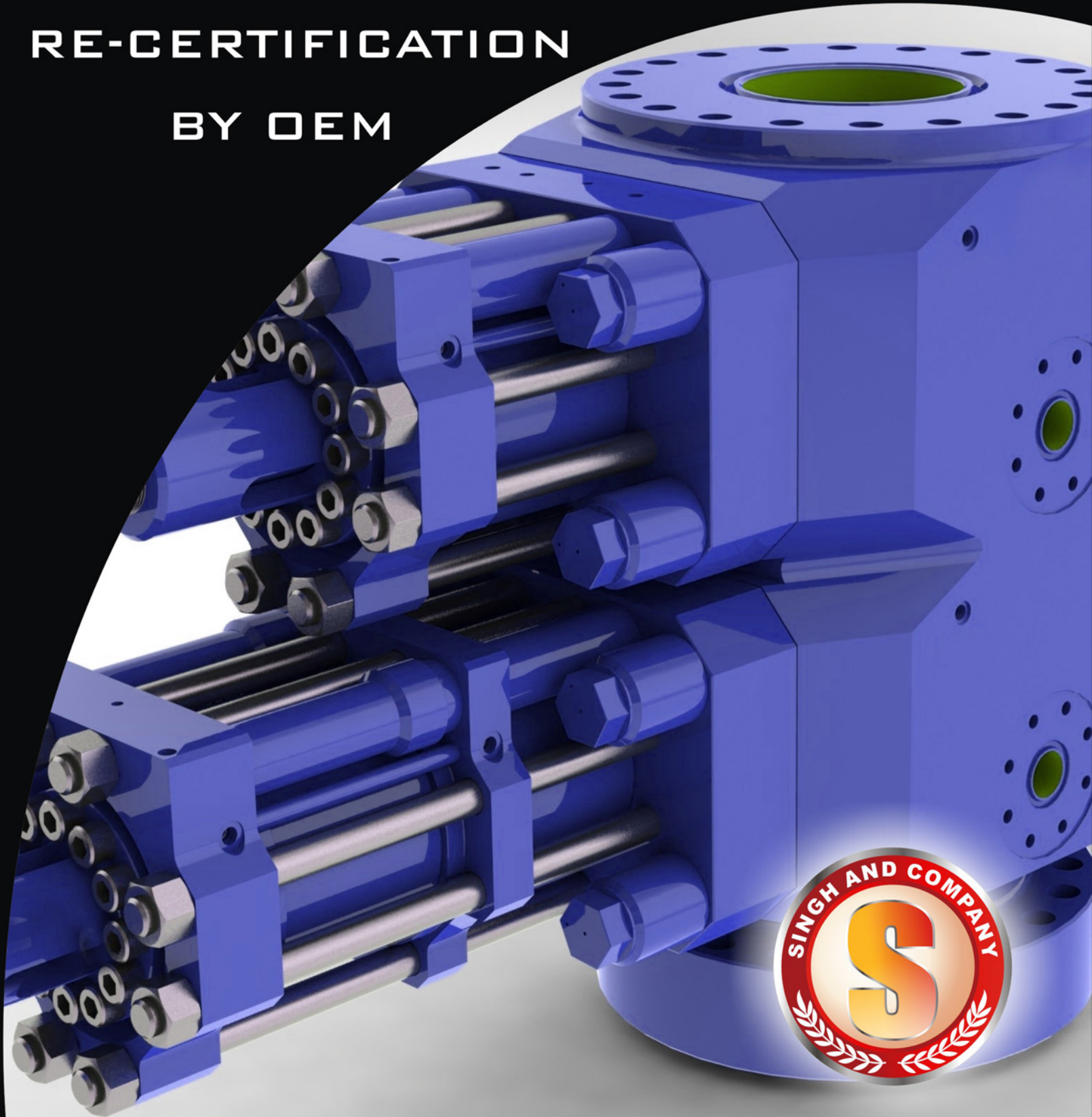


**BOP SERVICE REPAIR**

**&**

**RE-CERTIFICATION**

**BY OEM**



# BOP SERVICE REPAIR & RE- CERTIFICATION BY OEM

The following service evaluation points will be included in evaluating your BOP for re-certification Average number of hours to complete TDI : 15-20  
Average Pricing for TDI for a 7-1/16" - 5k, Double Gate Ram BOP.

## STAGE I - TDI ( Tear Down & Inspection Proposal )

### Tear Down & Inspection Proposal Description:

#### Receive client BOP:

- Generate tracking documentation, photographs & issuing work orders:

#### Tear Down:

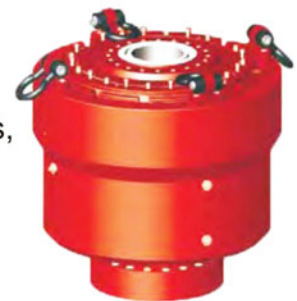
- Dismantle BOP while noting any problem area.
- Dis-assembly Bonnets /Doors, Pressure Doors, Outlet flanges and All Tap end studs
- Document all work in accordance with - DVI standard operating procedures.
- Separate cylinder heads from cylinder and cylinder from the body bonnet
- Disassemble ram shaft from the piston and tail rod
- Remove all seats from all sealing internal parts

#### Clean and process body parts:

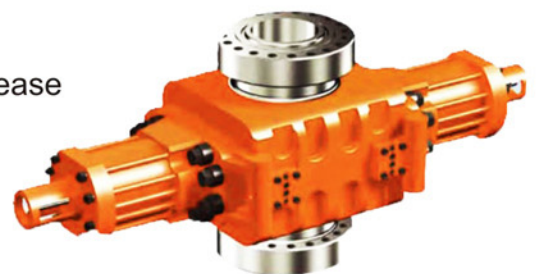
- Steam clean to remove all crud and grease
- Sugar/ Short blast body

#### Inspection :

- Hardness test of body.
- Magnetic particle test of body to check for cracks.
- Dimensional and visual check of thread holes, all seal areas, internal parts, bonnets, doors, cylinder and cylinder head.
- Perform a non-destructive examination on critical areas.
- Perform non-destructive testing and evaluation of components subject to normal wear and stress.



Wedge Block Connection  
Annular BOP



Type-S SingleRam BOP





## STAGE II - REPAIR & RE- CERTIFICATION

The following are possible repairs that may be necessary for re-certification:

Average number of hours to complete repairs for re-Cerification:

### BOP body & Estimate:

- Welding, Heat Treating and Machining may be required.
- Bring ram cavities & pressure door seal area's back to specification
- Bring all tap in and studed bolt holes back to specification.
- Bring Pressure door seal area's cut bores back to specification.
- Apply Xylan coatings to ram cavities for corrosion control.
- Create a formal estimate of repair cost and anticipated delivery.

### Repair :

- Repair & replace skim cut/pre machine, material rebuild, including welding , chrome plating, metal spray
- Buff, Polish, Stress Relieve & Hard test.

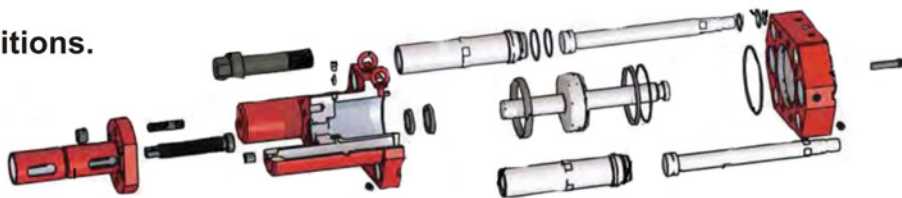
### Moving and Sealing Parts :

- Pistons, Ram shafts, tail rods, bonnet bodies and cylinder heads will be brought back to specification

### Final Assembly :

- Perform final assembly of the repaired BOP.
- Notify customer; secure 3rd party test witness if requested.
- Re-Assemble, install seal kits and test per integrated specification in accordance with API 16A
- External Painting ( Including Prime ) to client colour requirements or Integrated Gray

A “ CERTIFICATE OF TEST” will be generated with a 1 year OEM warranty against manufacture defects and normal operating conditions.



Contact Us

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