

## HYDRAULIC BOLT TENSIONING

### Steam Turbine Casing

#### The Application

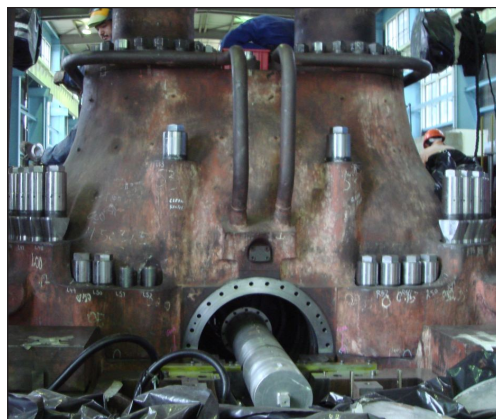
- Maintenance of HP Steam Turbine Casing Mexico
- Final closing of the HP casing with dedicated bolts and hydraulic bolt tensioners
- 3in bolts

#### Turbine Casing Closure

- Dedicated Direct fit tooling designed with new bolting system.
- Easy Spring Return pistons
- Simple Hydraulic Connection for simultaneous tensioning
- Cold system so eliminates heating and cooling times
- Maximum load in available space

#### The Benefits

- Shorter outage-potential = more MW generation
- Improved Tops on: ops off time and accuracy
- Increase hours time saving over outage period
- Better accountability and responsibility - one shift/one team
- Uniform and accurate compression of casing
- Repeatability of accurate stud loading
- No sub contract work
- Improved Quality planning
- Quicker and more accurate final tightening
- Easy to use "The Crew Like it"



**BOLTIGHT®**  
HYDRAULIC BOLT TENSIONING

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