



9001 Jameel Rd, Suite 180, Houston, Texas 77040, USA Website: www.TitanTi.com

Tel: (281) 449-9994 Fax: (281) 449-9996 Email: sales@TitanTi.com

Shown:

Titan Part # S-CRD-8 (Eight Tool CRD Reaction Fixture) with Eight of the Titan Model T-1 (3/4" Sq. Dr. Hydraulic Torque Wrenches)

Titan Introduces new Control Rod Drive Fixture and Tooling for the Nuclear Industry

The Challenge:

- Reduce ALARA exposure in Assembly and Disassembly of the CRD Motor Assembly.
- Provide Accurate Torque and Simultaneous Closure to the flange.
- Remotely torque the bolts which are 18 feet below the deck.
- Tight Bolt Circle.

The Solution:

- Design a Fixture that moves on the track on the deck of sufficient OD to fit eight T-1 Titan Hydraulic Wrenches.
- Fixture is equipped with Lubricant Impregnated Brass Sleeve Torsion Tube.
- Spring Loaded to provide positive engagement.
- Torque Transducers to ensure accuracy.



Simultaneous and remote torque and removal of CRD Bolts

- The Nuclear Industry experiences many thousands of dollars in savings.
- Significant reduction in exposure to workers (ALARA)
- Increased Safety
- All parts retained to ensure integrity
- Controlled & Simultaneous Torque
- Simultaneous Disassembly
- Save Critical Path Time
- Reduced Set-up Time

