



TTOS Torque Management System - TMS™, is a real-time monitoring and registering Torque Tubular Connection when using Hydraulic Power tong for make-up, achieving a reliable, accurate, easy and safe operations. It does not use, like others Torque System in the market, any kind of Load or Compression Cell, making easier and safe operation; it takes hydraulic pressure and converts it to torque foot pounds.

TMS use a PLC with our proprietary software that capture inputs, makes decisions, and controls outputs to automate the torque process, monitoring and registering the torque applied on each connection.

TMS allows operators easily specify make-up parameters, with automatic recording torque values for each connection and decide during the operation if the connection comply with the torque specifications. Operators have the option of controlling speed during make-up as well. Controls are based on either final torque or final turns.

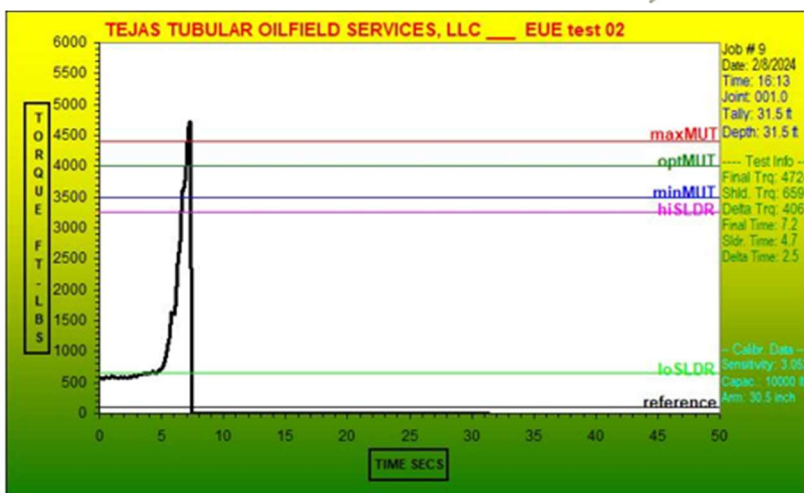
TMS allows displaying the data on a screen and recorded on a thumb drive for reporting, where supervisor and operators can review results from previous make-ups and create a number of reports for further analysis and information.

TMS comes with:

- Portable Control Panel to access all the functions, with Automatic "Start Recording", "Pressure Registering" and "Dump Valve Release"
- CT Cables, Power Cable, Proximity Sensors.
- TONG Calibrations Service offered directly from Tejas Tubular Oilfield Services, LLC

TMS Components

1. Control panel
2. Dump Valve
3. Digital Pressure
4. Proximity Sensors
5. CT Cable
6. Power Cable



Graphics display on real-time and recorded for reporting.
TMS can be used on any TONG types.



Torque Management System - TMS™, is designed, assembled and marketed directly by Tejas Tubular Oilfield Services, LLC with base in Houston, Tx , USA.

Operational TONG



©Patent Pending



TMS is offered to Work Over Rig Operators on a subscription basis as follow:

- ☐ Trial Program
- ☐ Equipment Supplied: Two (2) TMS
- ☐ Training
- ☐ Tong Calibrations
- ☐ Subscription & Maintenance Fee: Monthly Rate
- ☐ Reward program for loyal customers and Discount for renewing subscriptions.

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