Well Construction

Frank's Tubular Running Services (TRS) - Casing Technologies

Data Trek® ProPanel

Torque Turn Monitoring System

Running Expro's proprietary Data Trek® Advantage software, the ProPanel Computer acquires and records critical torque-turn data, enabling accurate torque control using a dump-valve or Integrated Control System (ICS) to ensure premium threaded connections are made-up in accordance with the manufacturers guidelines.

Optional integration with Expro's proprietary solutions such as iCAM® Intelligent Connection Make-Up System, DISPLAY™ Digital Application, and Remote CAM Viewer make it a versatile system.

Features and benefits

Certification
Two systems are available:
1. Certified for use in an ATEX Zone 1 Hazardous Area
2. Certified for use in a NEC505 Class 1 Zone 1 hazardous area
   Both are air purged and fitted with low-pressure shut-downs

Calibration
Load cells, torque subs, and respective calibration procedures are ASTM E-4 compliant

Load Cells
A wide range of load cells for all Tong sizes and torque subs for all CRT sizes are available

Magnification
Make-up data is drawn in high-resolutions to allow pinpoint detection of key data parameters, including shoulder torque and turns after shoulder

Data Recall
Allows instant recall and download of all collected data, on the rig or after the job. It can also be viewed remotely, real time when used with optional DISPLAY™ system

Statistical Analysis
Statistical information for each make-up is stored for immediate or post job recall. Each make-up is automatically compiled for use in statistical comparisons. Data is available in both graphical and digital format.

Tong Speed Monitor
Tong RPM is monitored in real time and recorded for each make-up. RPM data is displayed in an RPM vs. Turns graph that easily correlates to the make-up graph