



Success Story

Custody Transfer Flow Metering Station for Crude oil

Customer: CFTP
 Industry: Oil & Gas
 Order date: 2014
 Completion: 2015



Executive summary

CFTP is the Tunisian French company of petroleum, of the oil agreements signed in 1968 between the Tunisian state and TOTAL.

The business need is a Crude Oil Fiscal Metering Skid, for CFTP to be installed at the Terminal of TRAPSA, located in TRAPSA Port, Skhira, in the south of Tunisia.

The Custody Transfer Measurement System is a typical Lease Automatic Custody Transfer Unit for Crude Oil Custody Transfer.

The metering skid includes mainly Flow Meters, Block Valves, Transmitters, Headers (Inlet, Outlet, and Drains), Flow Control Valves, Automatic Sampling System, prover connections.

The skid is designed to be installed in remote area, work in an unmanned fashion and be self-sustained.

The skid design and engineering is compliant with OIML R117 standard.

Project Overview

Application
 Crude Oil Custody transfer.

- Metering Unit Specifications**
- 2 positive displacements flow meters with mechanical indicators
 - Temperature Transmitters
 - Pressure Transmitters
 - Pneumatic Digital Flow control valves
 - 2 Flow Computers
 - Pressure Safety Valve
 - Thermal Safety Valve
 - ATEX Junction boxes
 - Check Valve
 - Double block and bleed Valves

- Services**
- Commissioning, start-up, training & maintenance
 - Metering Unit calibration using a bidirectional sphere prover

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Turnkey solutions from concept to start-up

- Engineering and design
- Project management
- Manufacturing of complete skids
- FAT (Factory Acceptance Test)
- Packing and Shipping
- Commissioning and Start-up
- On-Site Calibration (Proving)
- Government Certification according to regulation.
- Training and support.

Customer satisfaction

Since the project deployment in 2015, CFTP team expressed satisfaction on the performance of the project in response to all the needs expressed.

Also the PGS team was congratulated for all after-sales services, Field services team, always available and professional.