



TIMOTHY DEAN MELTON

Qualifications

I'm in my 36th year of working with the transportation of liquid hydrocarbons by pipeline and truck on crude and finished products pipelines. I started as a Measurement Technician in 1985 until 2008. In 2005 Sunoco started a new district, at that time I was responsible for all measurement and operations but I was classified as a Technician. In 2008, I became the Operations Supervisor for Central Texas on three different crude pipelines and Maintenance Supervisor of Corsicana Tank Farm. I have also had the Technical Supervisor duties for approximately one year due to those supervisors leaving the company.

Job duties as the Operation Supervisor are to monitor all aspects of the pipeline business, comply with all federal and state requirements on emission, tanks, piping, and maintenance activities. I am responsible for all paperwork for DOT and state inspections and audits.

The tanks are various sizes ranging from 90 BBL to 300,000 BBLs. The piping sizes range from 2" to 26". The flow rates on the lines range from 40 BPH to 13,500 BPH, these lines run from 20 psi up to 1085 psi. The pipeline valves range from 2" to 26". The pumps vary from gear, PD or centrifugal. Depending on the operation, a pump could be used for sampling, transfers, blending, booster, or mainline.

The measurement consists of anything dealing with quality, quantity or sampling by way of hand line gauging, metering with PD, Turbines and Mass Meters. The provers used were numerous, from stationary to portables. The electronics used are Temperature and Pressure Transmitters and Densitometers. The flow computers used are either Daniels or Omni's.

Corsicana has its own separate SCADA System. The lines, pumps, tanks and meters are also monitored by Sugarland, TX SCADA System, as a back-up.

The total volume of storage is 2,500,000 BBLs, Total receipt and deliveries are 37,000,000 per year. I have responsibility to keep all these assets maintained, and in proper calibration to achieve an Over/Short of +/- 0.02%.

Education

Reitz Memorial High School
Evansville, Indiana

International School of Hydrocarbon Measurements
University of Oklahoma

The University of Texas at Austin
Division of Continuing Education
Petroleum Extension Service
API School of Petroleum Measurements

10612 Turkey Run Dr. - Edmond, OK - 73025
Phone: 405-293-3099 - 405-513-7256
E-Mail: melinda@ayudallc.com



Employment Experience

1985-2008 Senior Technician, Sunoco Logistics LP

Responsibilities include calibration of meters on various crude pipelines, sampling systems, and BS&W monitors. Also, I was responsible for quality or quantity of crude oil measurement and maintenance of equipment. I analyzed all data produced and followed all Federal and state DOT regulations.

1975-1985 Assistant Engineer, Ashland Pipeline Company

This job consisted of measurement of crude in the pipeline through meters. This internal control procedure included calibration, other technical application, and the all important maintenance.

10612 Turkey Run Dr. ~ Edmond, OK ~ 73025

Phone: 405-293-3099 ~ 405-513-7256

E-Mail: melinda@ayudallc.com