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## **EMPLOYMENT**

### **Measurement Tech Specialist Nov 2009- Current** **American Midstream-Houston, TX**

American Midstream is a newly formed company that bought some of the assets that I was currently assigned to from Enbridge Energy (below). My assignments are the same as those of Enbridge Energy.

### **Measurement Technologist April 2006-Nov 2009** **Enbridge Energy-Houston, TX**

Act as resource for field, technical services, and contracts personnel on natural gas measurement and quality issues.

Provide technical assistance to SCADA, Operations and Engineering departments.

Provide a communication bridge between field and office measurement personnel on technical issues.

Evaluated the current measurement and gas quality process to identify areas of concern.

Assess the viability of emerging measurement technologies.

Assess and revise existing measurement operating and maintenance procedures as needed.

Assist in meter station design and standardization

Facilitates training for field employees as required.

Develop and supports validation process for the measurement management information systems.

Assists in the diagnosis of system balance issues.

Requires knowledge of Orifice, Turbine, Ultrasonic, Rotary and Diaphragm metering systems.

Requires knowledge of gas sampling and analysis equipment and procedures.

Requires knowledge of various flow measurement systems, control systems and applicable technologies

### **Measurement Technical Specialist I Oct 2002-Mar 2006** **Kern River Gas**

Understand and contribute to Bristol proposed changes

Understand and contribute to proposed chromatograph installations and changes.

Represent the measurement department in company's Measurement Committee

Represent the measurement department in scoping and recommending new company measurement system.

Represent the measurement department in the company's Virtual SCADA Team.  
Represent the measurement department with the Policies and Procedures team.  
Understand and contribute to the companies Ultrasonic Metering effort.  
Responsible for annual in-house meter audits.  
In charge of "Lost and Unaccounted"  
Gather, compile and calculate data for various data request and annual report  
(FERC, Tax, State, etc)  
Approve monthly measurement closes, audits and prior period adjustment.

### **Measurement Analyst 2002-1997**

#### **Williams Gas Pipelines-West Salt Lake City, UT**

Project Lead on Kern River measurement system migration to Northwest Pipeline's system.

Maintain current knowledge of gas measurement functions, methods and changes in tariffs, Balancing agreements, interconnect agreements, contracts and industry trends.

Audit third party data for accuracy and completeness.

Communicate with third parties to resolve any audit discrepancies

Analyze and trend electric flow information to ensure accuracy in volume calculations

Interpret electronic flow measurement error logs.

Analyze gas quality data and make appropriate modifications.

Analyze measurement reports and solve equipment and operation problems.

Stay abreast of all measurement standards (for Kern River, GISB, AGA, etc).

Communicate final measurement volumes to customers

Calculate "Lost and Unaccounted" and work to lower.

### **Volume Allocation/Measurement Analyst 1997-96**

#### **Kern River Gas Salt Lake City, UT**

Perform all volumes allocations for Kern River system.

Report Nomination allocation statuses to customers.

Calculate all imbalances (transportation, fuel, luf, etc)

System Lead for VAS (Volume Allocation System) during Rapids (nomination, volume allocation, billing system) implementation.

System Leas for VAS during the first two GISB implementations

System testing of Rapids II for upgrades and GISB mandates.

Audit all Kern River system measurement data on a daily basis.

Approve and finalize measurement data.

Back-up Gas Scheduler

Resolve any allocation or measurement discrepancies

Train in-house as well as external customers on the use Rapids business system.

### **Gas Control Analyst 1996-1994**

#### **Kern River Gas Salt Lake City, UT**

Audit All Kern River system measurement data on a daily basis.

Trend gas quality for inconsistencies.  
Approve and finalize measurement data.  
Resolve any measurement discrepancies  
Communicate to customers final measurement volumes  
Operate pipeline in accordance with company standards and procedures.

**Office Administrator**  
**Northwest Pipeline Corp. Salt Lake City, UT**  
Mail/Fax operator

**EDUCATION**

Bachelor of Science/Accounting 1990  
Westminster College, Salt Lake City, UT

**SKILLS**

I am very computer literate  
I write my own queries using Microsoft Access or in SQL  
I am also very conscience of project deadlines

**References furnished on request**