



Job Description - Plant I&E Technician

Position Summary

Provide full-time Measurement, PLC, and I&E support for processing plant, compressor stations, and pipelines.

Qualifications & Knowledge

- Must have a high school diploma or GED equivalent
- 5+ years of measurement and/or I&E experience
- Must have knowledge of various dry and wet natural gas measurement equipment
- Possess knowledge of I&E functions including, troubleshooting, installing and maintaining all equipment and SCADA functions
- Must possess leadership skills and can train others in the proper operation of all related equipment
- Is familiar with AC voltage (120-480) and 24 VDC
- Is familiar with medium voltage (4160 VAC) switchgear and VFD's
- Must be self-directed and able to perform duties with little or no supervision
- Able to speak fluent English and have excellent verbal and written communications skills
- Possess a valid driver's license with a good driving record
- Must pass a pre-employment drug screen and is subject to random drug testing
- Must allow a pre-employment background check

Responsibilities

- Maintain appropriate operating conditions for the overall safe and efficient daily operations
- Ability to determine and implement logic to control/operate natural gas facilities in the most efficient manner
- Writing and implementing software programs for various types of equipment and systems
- Operate and maintain measurement equipment, maximizing accuracy and effectiveness
- Install, program, maintain, and calibrate gas and liquid chromatographs & moisture analyzers
- Inspect and repair AC/DC equipment, including emergency battery backup power devices
- Schedule and perform all required measurement testing and proving and complete records
- Tune, calibrate, maintain, and test control valves and shut-down valves
- Calculate volumes and size orifice plates to set flow rates
- Collect gas and liquids samples
- Run conduit, pulls wire, change motors, maintains lighting systems and basic motor controls
- Maintain advanced monitoring devices (gas, flame/fire detectors, vibration and temperature monitors)



- Read P&ID and electrical diagrams and other complex electrical drawings; interprets plant electrical diagrams
- Updates electrical drawings
- Performs preventative and general maintenance on electronic and pneumatic equipment and parts associated with this equipment (which includes working near energized circuits)
- Must have the ability to respond promptly to any emergency
- Lift and carry items weighing 50 lbs. or more
- May be requested to work long hours to complete job assignments.
- May work a rotating schedule, shift, and/or be on call.

Preferred Skills

- Has operating knowledge in operations and maintenance of natural gas systems
- Experience with writing programs for the plant control system

