



Job Title: Automation Specialist

Reports to: Operations IT Manager

Status: Regular, Full-Time, Exempt

Location: Edmond, OK

Travel: Up to 40%

Compensation:

Benefits: Company 401(k), health, life, disability and dental insurance coverage.

Job Summary:

The OT Automation Specialist works within the Operation Technology group and provides field automation expertise in support of new pipeline projects and current pipeline operations and maintenance activities.

Primary Duties & Responsibilities:

- Project Support
 - Support engineering group with capital projects by providing automation equipment design, specification, development, and commissioning.
 - Develop, implement, and complete annual reviews of P&IDs, control narratives, cause and effect diagrams, equipment specification sheets, and installation guidelines to integrate new instrumentation systems or equipment with existing control systems.
 - Manage and direct vendors and 3rd party contractors as it pertains to pipeline equipment installation and operations ensuring compliance with all applicable regulatory codes and laws.
 - Work with project engineer to develop automation project timelines, milestones, and aid in tracking project costs and schedule.
- Pipeline Control and Field Operations Support
 - Aid field operations with troubleshooting and maintenance of OT systems and equipment.
 - Assist with training of personnel on the operation and maintenance of OT systems.
 - Support installation, calibration, commissioning, and continued maintenance of field OT equipment.
 - Aid in tracking and maintaining preventative maintenance schedules in accordance with applicable regulatory codes, laws, and best practices.
 - Work closely with scheduling, measurement, pipeline control, and field operations groups to improve operations and support business initiatives.
- Operations Technology Group Duties
 - The OT group is responsible for all OT infrastructure including, but not limited to, infrastructure software, cybersecurity, SCADA, networking, automation and controls, and field instrumentation. The successful candidate will need to have, or be able to acquire, working knowledge in all OT disciplines to be successful.
 - All OT specialists will participate in a rotational weekly 24 hour on-call schedule. On-call duties will include remote assistance to pipeline control and field operations as necessary.



- Process, coordinate, and execute process change requests utilizing management of change (MOC) software, ensuring all changes have been approved, documented, and are stored appropriately for future audits.
- Provide coverage for other OT Specialists in case of emergencies or unscheduled absences.

Required Knowledge, Skills & Abilities:

- Ability to work independently to complete tasks with minimal supervision
- Working knowledge of the theory behind
 - Data communications including 232/422/485 serial and TCP/IP protocols
 - Industrial communication protocols including Modbus, Allen Bradley CIP, ROCPlus
 - IEEE programming languages including Ladder Diagram, Function Block Diagram, Structured Text, and Sequential Function Chart
- Experience with the following technology
 - Allen Bradley ControlLogix PLCs (Studio/RSLogix 5000 Development Suite)
 - Omni and Fisher ROC800L EFM (DS800 Development Suite)
 - Eaton, Toshiba, and Titan VFDs
 - Inductive Automation Ignition platform
 - Wonderware Intouch 2014R2 platform
 - Archestra DAServer, OPC-UA Server Configuration
 - Red Lion HMIs and protocol converters
 - Beijer HMIs
 - Emerson Rosemount Raptor Tank Gauging products and associated Tankmaster Software
 - P2P Ethernet, Serial, and IO radios
 - Flowserve Limitorque and Rotork actuators and control valves
- Ability to read, understand, and revise electrical drawings, P&IDs, etc
- 10+ years' experience in similar role with upstream, midstream, and/or downstream oil and gas company.
- Bachelor's degree in Electrical Engineering, Computer Science, Computer or Management Information Systems or related discipline or the equivalent technical training and work experience.

Other Duties

Note that this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally required to stand; walk; sit; use hands to finger, handle, or feel objects, tools or controls; reach with hands and arms; climb stairs; balance; stoop, kneel, crouch or crawl; talk or hear; taste or smell. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus. This role requires the ability to regularly drive/ride in vehicles over rough roads and to wear protective clothing and install/don safety equipment.

About ARB Midstream:



ARB Midstream is an independent, growth-oriented company, providing complete midstream and marketing solutions for crude oil, LPGs and refined products. ARB leverages the unique knowledge and depth of experience of its personnel to develop midstream assets that resolve infrastructure bottlenecks in the most profitable North American oil plays.