



Position Announcement

Position: SCADA Analyst I

Date Officially Opened: 10/20/2026

Hourly Starting Salary Range: \$23.89 to \$30.84 (DOQ)

Direct Supervisor: Operations Manager-South Division

Department: Operations

Section: Taylor Plant / Lewisville TX

Normal Work Hours: Monday - Friday, 7:30 am to 4:30 pm

Typical/Essential Duties:

The SCADA Analyst I is an entry-level position focused on developing the knowledge and skills necessary to support the District's supervisory control and data acquisition (SCADA) and industrial automation systems through on-the-job training. Responsibilities and learning objectives include the following:

- Develop an understanding of water and wastewater treatment operations, water distribution systems, wastewater collection systems, and the District's network layouts, topography, and control systems.
- Develop foundational knowledge of PLCs, SCADA, HMI, and industrial automation concepts.
- Learn to use Schneider's Control Expert software to program, maintain, and troubleshoot the District's PLCs.
- Develop an understanding of Schneider Modicon PLCs, including their configuration, operation, and programming.
- Learn the methods used to communicate PLC data to AVEVA System Platform, including Open Platform Communications (OPC) Factory Server (OFS), vendor specific drivers, and Modbus TCP communications.
- Learn to use the AVEVA System Platform Management Console (SMC) to monitor and maintain the District's industrial control system components.
- Develop familiarity with the AVEVA System Platform Integrated Development Environment (IDE) and the servers and components that comprise the District's SCADA system.
- Develop an understanding of AVEVA Historian, including how data is stored and retrieved. Learn to access and analyze historical data using the Trend and AVEVA Reports applications.
- Learn to read and interpret piping and instrumentation diagrams (P&IDs), and wiring diagrams.
- Assist with the installation, startup, commissioning, and troubleshooting of automation systems.
- Participate in factory acceptance testing (FAT) and commissioning activities.

- Develop foundational knowledge of electrical systems, instrumentation, control theory, and operation.
- Support project documentation, activities, including the preparation and maintenance of test reports, configuration records, and design updates.
- Develop advanced proficiency in Microsoft Office Suite, SQL Server, and relevant Business Intelligence tools, such as Tableau.
- Assist with troubleshooting, technical support, system maintenance, and implementation activities to ensure compliance with established system development methodologies, policies, procedures, and applicable laws and regulations. Maintain and update technical documentation, procedures and training materials for applications, databases, and systems. Assist in identifying system design requirements and developing technical and user documentation for SCADA applications and related systems. Retrieve, analyze, and interpret operational data from available sources, including SQL Server, Tableau Server, Wonderware Historian, and develop reports, presentations and dashboards to support district operations. Complete all assigned cybersecurity training, assignments, and/or certifications.
- Collaborate with engineers, system integrators, internal teams, and external vendors to support existing SCADA systems and implement new system designs and requirements. Assist in developing and maintaining standards for instrumentation, controls, and communications applicable to new and existing facilities. Support the integration of process control components and systems, including PLCs, remote terminal units, equipment controls, and System Platform software integration.
- Performs additional duties assigned to support plant operations and team success.

Qualifications:

Education & Experience:

- High School Diploma or GED is required. An Associate Degree or higher is preferred.
- College coursework In Computer Science, Computer Engineering, Electrical Engineering, or Electronics is preferred.
- Experience in instrumentation, control systems, HMI, PLC's and/or SCADA is preferred but not required.

Knowledge, Skills & Abilities:

- Must be able to read and develop technical and user documentation associated with SCADA operating system.
- Must possess strong verbal and written communication skills with the ability to convey technical information clearly and effectively to a variety of audiences.
- Must demonstrate strong attention to detail and data accuracy.
- Must be proficient in Microsoft Word Office Suite and have familiarity with SCADA operating system.
- Ability to work in outdoor and industrial environments, including confined spaces.

Work Environment & Physical Requirements:

- Work involves exposure to hazardous chemicals, mechanical equipment, and varying weather conditions.
- Must be available to work a flexible schedule, including responding to emergencies and taking calls outside regular business hours, during evenings, on weekends, and on holidays.

Other Requirements:

- Valid Texas Driver's License is required.
- Cybersecurity Certification must be obtained within one year of hire.
- System Platform training from Q-Mation must be completed within one year of hire.
- Schneider Control Expert Level 1 and Level 2 training must be completed within two years of hire.
- Must be able to pass applicable pre-employment Drug Screen, Physical, and Background Checks.

Application Process

- All applicants must complete an employment application and submit it to the District's Human Resources Department.

Position is considered "Open Until Filled."