



## **WASTEWATER INSTRUMENTATION & CONTROLS FIELD TECHNICIAN**

The Fox River Water Reclamation District (FRWRD) is seeking a qualified employee for the non-exempt full-time position of Instrumentation and Control (I&C) Field Technician. FRWRD owns and operates three Wastewater Treatment Facilities in the City of Elgin, IL, with Administration Offices located in the Village of South Elgin, IL. This position works primarily in the wastewater treatment plants but also at remote FRWRD sites.

The (I&C) Field Technician position plays a critical role in ensuring the efficient operation and maintenance of instrumentation and control systems within the Water Reclamation District. The I&C position involves hands-on work in the field, troubleshooting, repairing, and maintaining equipment related to the control and monitoring of water treatment processes. The regularly scheduled hours of this position will be 7am-3pm, Monday- Friday and must be willing to work overtime, holidays, and weekends as needed.

An associate degree in Instrumentation, Electronics, or a related field is preferred, a bachelor's degree is a plus (equivalent combination of education and experience acceptable). Proven experience as an I&C Technician in water treatment or reclamation facility (equivalent combination of education and experience in a different industry will be considered). The candidate must be familiar with SCADA systems, PLC's, VFD's and other control systems. The candidate must possess strong analytical and problem-solving skills. This position requires flexibility to work during emergencies and irregular hours, an ability to lift and carry heavy equipment up to 50 pounds, a valid Illinois driver's license, and the ability to be insured.

# POSITION RESPONSIBILITIES



- Provides daily support to operation and maintenance personnel in resolving high priority control issues.
- Conduct routine inspections, preventive maintenance, and repairs on instrumentation and control devices, PLC's, VFD's systems (Allen Bradley and ABB experience a plus
- Knowledge of PLC programming, HMI programming, Ethernet network configuration, PID loop tuning, and motor and drive configuration and troubleshooting.
- Ability to read and understand electrical schematics, wiring diagrams and drawings (experience with Auto CAD preferred).
- Assist with modifications and adjustments to Supervisory Control and Data Acquisition (SCADA) systems (FactoryTalk experience preferred).
- Calibrate and troubleshoot sensors, transmitters, analyzers, and other process control instruments.
- Knowledge in Hart Protocol preferred.
- Respond promptly to alarms and alerts, taking corrective actions as necessary.
- Participate in emergency response activities related to instrumentation and control systems.
- Assist in the installation, commissioning, and decommissioning of new control systems and instrumentation equipment.
- Ensure compliance with relevant standards and specifications during installation processes.
- Performs work in control panels, MCCs, and switchgear where voltages up to 480VAC are present and follows all arc flash safety standards.
- Uses CMMS or ticketing system to keep all work orders, work requests, and parts inventories updated.
- Familiarity with SCADA systems, PLCs, VFD's and other control systems (RSLogix Studio 5000 and FactoryTalk experience a plus).

**This is a full-time non-exempt position. Pay range is \$33.00 to \$46.20 per hour depending on qualifications. Excellent benefits package includes medical, dental, vision & IMRF retirement plan. Employment offers are conditional pending physical exam, drug screen, criminal background, driver's license, and other pre-employment activities.**

**For consideration applicants should apply with a resume, cover letter, and FRWRD employment application**

**To Attention: Technology Infrastructure Manager Jeremy Henning Email: [jhenning@frwr.com](mailto:jhenning@frwr.com)**

**Website: [www.frwr.com](http://www.frwr.com)**

**FRWRD is an Equal Opportunity Employer**