

Control Systems Specialist - The Town of Jupiter Island/South Martin Regional Utility is looking for a Control Systems Specialist for SMRU. This position is hourly position.

Complete job description available at
www.southmartinregionalutility.com.

Open until filled. Submit resume and employment application to
Vanessa Mutchnik vmutchnik@tji.martin.fl.us at Town Hall.
EOE/DFWP/Exempt

**** This position is open to all internal and external candidates****

DEPARTMENT: South Martin Regional Utility **CLASSIFICATION:** Full-time
FLSA DESIGNATION: Hourly / Non-Exempt **APPROVED BY:**

REPORTING RELATIONSHIPS

Position Reports to: Water Division Manager
Position(s) Supervised: None

DISTINGUISHING FEATURES OF THE POSITION

This is a skilled technical position performing design, installation, repair and maintenance of the electronic control devices used to automate utility physical plant processes (commonly called "SCADA"). The position requires a high degree of independent judgment in determining the optimal configuration of a complex network of industrial control components. Position is responsible for assuring the safe, effective and efficient operation of automated treatment processes, producing safe drinking water in accordance with Federal and State regulatory requirements.

DUTIES AND RESPONSIBILITIES:

- Installs, maintains, calibrates, tests, and troubleshoots process control systems instruments and analyzers for the water and wastewater plants.
 - Works closely with other divisions.
 - Troubleshoots and repairs control system and electrical power system failures in plants and lift stations.
 - Maintains, adjusts, and tests process control programs for proper operation.
 - Develops, maintains and upgrades device programming and network configurations.
 - Maintains and troubleshoots computerized process control equipment consisting of programmable logic controllers [PLC], computers, networking devices, remote transmitter units, and other SCADA system devices.
 - Maintains computer files, backups of device programming, device configurations, and process databases for future retrieval, restoration and review.
 - Trains and instructs other employees on use of control systems.
 - Plans and schedules work flow, organizes projects, specifies and orders materials and equipment as necessary, and evaluate for proper operation.
 - Designs and implements interfaces of new systems into existing controls.
 - Maintains and updates schematic drawings, blueprints and other related diagrams.
 - Assists in Town/SMRU preparations for severe storms, hurricanes and other weather emergencies and is considered an essential first responder following a major weather/emergency event.
 - Assists in post-storm damage assessment, clean-up and repair.
 - Drives throughout the service area.
 - Performs related duties as necessary or assigned.
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EDUCATION / CERTIFICATION:

- Graduation from high school or equivalent is required.
- Some college coursework or advanced training in water or wastewater operations, industrial control technologies, or related subjects is required.
- Water and / or Wastewater Class C Certification is preferred.
- A valid Florida driver's license is required.

EXPERIENCE:

- Five years experience in industrial control, SCADA, or related technologies in a utility setting is required.
 - Experience must include control device programming, device calibration, and computer control software.
 - Water and / or wastewater operator experience is preferred.
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KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of specialized computer systems used in water and wastewater treatment and distribution.
 - Knowledge of water utility operations and management.
 - Knowledge of the occupational hazards and safety precautions applicable to water production.
 - Knowledge of hazardous chemical handling and proper emergency response to exposure.
 - Ability to determine the best course of action in a variety of circumstances.
 - Ability to work safely with electrical and electronic equipment and control panels.
 - Ability to communicate effectively, orally and in writing.
 - Ability to read, understand and comply with federal, state and local regulations.
 - Ability to read, understand and follow operations and maintenance manuals.
 - Ability to understand and perform basic math.
 - Ability to instruct operators in the calibration and proper use of electronic control devices and software.
 - Ability to manage multiple tasks and projects simultaneously.
 - Ability to use computer for writing reports, recording data, E-mail and Internet.
 - Ability to maintain records and prepare clear and concise reports.
 - Ability to work cooperatively with utility staff, management and the general public.
 - Ability to analyze problems, identify alternative solutions, project consequences of proposed actions, and recommend solutions.
 - Ability to read and interpret drawings, schematics, blueprints and other related diagrams.
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WORKING CONDITIONS

Must be able to work independently with minimal supervision.

Must be able to work outside in all types of weather conditions while performing job duties; must be able to work indoors with or near toxic or caustic chemicals; must be able to work around loud noises, mechanical and electrical hazards; must be able to work within confined spaces occasionally.

Must be able to work with physical dexterity, walking or standing for long periods of time; must be able to lift or move 50 pounds routinely, and move up to 100 pounds on occasion; must be able to use sensory perception (sight, hearing, touch, smell) to help determine the nature of a situation and to help make operational decisions.