

# SCADA SUPPORT COORDINATOR

Job Code	Pay Grade
17448	CL17

## Nature of Work

This position involves the design and development process control applications programs of the countywide supervisory control and data acquisition (SCADA) system. The incumbent solves a variety of complex problems in the absence of technical guidelines or precedents; writes standard documentation using established formats, or documents work performed, actions taken or results by writing one or two brief sentences, and interviews or discusses detailed information. This position works to improve existing systems/procedures that periodically result in new ideas or approaches of considerable significance. Work involves moderately complex to relatively standardized tasks, processes, and operations, following established laws and procedures. The SCADA Manager provides general guidance and requires the employee to plan and apply procedures and methods to attain goals and objectives.

## Minimum Qualification Requirements

- Associate's degree in Computer Science, Engineering Science, Chemistry or a related field and one year experience in process control/automation systems; or
- An equivalent combination of education, training, and/or experience.

## Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Candidate to obtain and possess certification in designated areas according to area of assignment.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

## Illustrative Tasks (These are examples and are not all inclusive.)

- Develops graphic control screens; creates historical reports; creates custom process control scripting; creates custom process trending and data tables.
- Oversees area network, maintains multiple Industrial SQL databases; updates data points for real-time and historical databases; creates, edits and troubleshoots reporting problems.
- Coordinates upgrades, expansion, shutdowns, and new installations to Pinellas County Utilities SCADA system; meets with engineering, consulting engineers, integrators, and software and hardware representatives.
- Installs new and updated versions of software; coordinates installations of all new hardware and data communications equipment; maintains web-server for end-user to get data, screens and plant and system alarming.
- Coordinates and assists in the installation and implementation of information processing system, analyzes equipment and recommends modifications.
- Performs related work as assigned or required.

## Knowledge, Skills, and Abilities

- Knowledge of SCADA systems, plant process automation systems to ensure that all systems are efficiently operating 24/7.
- Knowledge and experience with integration of Wonderware HMI/SCADA with Control systems.
- Knowledge of Historian Configuration, Reporting & Integrations.
- Knowledge of Intouch HMI/SCADA Graphics , Trending, Alarms & Integrations
- Knowledge of wide area networking throughout the county for centralized data and control of SCADA, Security, and Alarming.

## SCADA SUPPORT COORDINATOR (continued)

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### Knowledge, Skills, and Abilities (continued)

- Knowledge of Archestra Configuration, Reporting & Integrations
- Knowledge of telemetry systems, data communications, data acquisition and multiple communication protocols, and various communications protocols.
- Knowledge of network equipment, i.e., switches, hubs, protocol converters, fiber devices.
- Knowledge of all major operating systems and environments, server, and server commands and process scripting to ensure data storage and monitor performance.

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Revised	EEOC Code	Overtime Code
8/15	Technicians	Classified/Excluded