



Position Announcement

Position: Electronics Technician

Date Officially Opened: 04-28-11

Hourly Starting Salary Range: \$18.11 to \$23.67 (DOQ)

Direct Supervisor: Maintenance Superintendent

Department: Operations

Section: Maintenance

Position Function: Under the general supervision of the Maintenance Superintendent, performs assigned duties necessary to install, maintain, revise and repair electronic, control and instrumentation equipment related to water and wastewater treatment facilities; including Supervisory Control and Data Acquisition (SCADA) systems, Programmable Logic Controllers (PLC), Wireless Electronic Communication Equipment and Facility Security and Surveillance Systems.

Typical/Essential Duties:

- 1) Performs duties to maintain SCADA systems for water and wastewater treatment systems by updating and programming software, and programming, calibrating, troubleshooting and repairing associated computers, electronic and other equipment.
- 2) Performs duties to maintain microwave and other electronic communication system networks by testing, troubleshooting, programming and repairing network components.
- 3) Performs duties to maintain security systems by programming, troubleshooting, repairing, replacing and installing security related electronic equipment, necessary to operate and monitor surveillance cameras, gates, and doors.
- 4) Assists the Senior Electronics Technician in reviewing construction project plans for the purpose of identifying potential problems or conflicts with existing or proposed SCADA, microwave, or security systems, and assists with preparing recommendations to resolve any such problems or conflicts.
- 5) Performs additional duties as assigned.

Knowledge, Skills and Abilities:

Work requires specific knowledge, experience and skills of a vocational or technical nature. Knowledge, experience and skills may be obtained through the completion of four years of high school resulting in the receipt of a High School Diploma or GED equivalent, and the completion of various college, vocational or technical programs related to the field of process control electronics. At least two (2) years of job related experience is required. Two (2) to four (4) years of specific job related experience performing maintenance and repair of process control instrumentation, or working with water and wastewater control and operating systems is preferred. Must have basic knowledge of Microsoft operating systems, desktop applications and networking fundamentals. Working knowledge of HMI software (Wonderware and Iconics) and programming of PLCs using Modsoft, Concept or Unity software is desired. Must have the ability to read, analyze and understand related technical manuals, schematics and construction plan documents. Must possess a valid Class C Texas Driver's License. Must be able to pass applicable pre-employment Drug Screen, Physical, and Background and Credit Checks.

Applicants are required to complete and sign an employment application to be considered. For instructions on how to apply, the application process and an application, please visit www.utrwd.com. Position is considered "Open Until Filled."