



Fairfield-Suisun Sewer District  
Invites applications for the position of:

## Instrumentation and Electrical Controls Systems Technician

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**SALARY:** \$41.53 through \$59.53 hourly, plus excellent benefits

**OPENING DATE:** 02/01/2021

**FINAL FILING DATE:** Open until filled

The Fairfield Suisun Sewer District is currently recruiting for **Instrumentation and Electrical Controls Systems Technician**. This position is within the District's O&M Technical level 3 through 4.

### THE POSITION:

The Instrumentation and Electrical Controls Systems Technician performs or assists in the development and construction of new equipment systems, maintenance, repair, replacement and basic design of control systems including electronic, pneumatic, mechanical and electrical instrumentation, computerized control systems, and computer network equipment employed in the operation of the wastewater treatment plant, sanitary and storm pumping stations; and performs other related work as required.

**The ideal candidate** will have excellent interpersonal skills in order to work in an effective manner with all levels of employees. The desirable knowledge, skills and abilities include, but are not limited to:

- Knowledge of principles, theory and practices of flow, pressure and temperature instrumentation; variable frequency drives, analyzing equipment, telemetry equipment; programmable logic controllers and SCADA systems.
- Performs hardware and software design modifications to existing field instruments, wiring, programmable logic controllers, communication links, and computers used in the District's SCADA systems.
- Ability to handle a variety of tasks without close supervision; handle emergency situations; recognize and correct unsafe working conditions; order and request materials, supplies and services as required; recognize, define and solve a variety of mechanical, instrumentation and electrical/electronic problems.
- Ability to read and interpret electrical and control systems schematics.
- Work independently as well as part of a team depending on assignment
- Willing to work outside of normal work hours to support various maintenance projects or emergencies

### MINIMUM QUALIFICATIONS:

**Education:** Equivalent to completion of the twelfth grade; additional technical school or college-level course work related to instrumentation and industrial automation is highly desirable.

**Experience:** Three years of experience in the installation, maintenance and repair of instrumentation, electrical and controls systems equipment in a water or wastewater treatment



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plant; or in an industrial environment installing, maintaining and repairing instrumentation, electrical and control systems.

## **LICENSES AND CERTIFICATE:**

Possession of the California Water Environment Association (CWEA) Electrical Instrumentation Technologist Grade II Certificate is highly desirable.

Possession of a valid California Class C Driver's License and a satisfactory driving record as a condition of initial and continued employment.