



Central Marin Sanitation Agency

An Exceptional Career Opportunity for **Electrical & Instrumentation Technician**

THE OPPORTUNITY

Under general supervision of the Assistant Maintenance Supervisor, the Electrical/Instrumentation Technician installs, repairs, replaces and performs corrective, preventive, and predictive maintenance on a variety of electrical, electronic, pneumatic, hydraulic, heating, ventilation, air conditioning, and electro-mechanical systems. Calibrates and maintains circuitry specific to automated process information and control equipment and reads and interprets wiring diagrams.

To take a virtual tour of the Treatment Plant click here:

<https://www.cmsa.us/public-ed/virtualtour>

KEY RESPONSIBILITIES:

- Inspects a variety of automated process information and control equipment and electrical, electronic, pneumatic, hydraulic, heating and air conditioning and electro-mechanical systems.
- Installs, performs preventive maintenance on, repairs, programs, and replaces such equipment; troubleshoots equipment problems; makes emergency repairs as required.
- Maintains power systems including cogeneration system tuning and controls, emergency generator transfer controls and switchgear, and various battery backup systems.
- Uses and performs maintenance on a variety of tools and electrical and electronic test equipment; calibrates equipment as required.
- Designs equipment installations and modifications; makes required mathematical calculations; prepares schematics and diagrams for documenting installations; determines supplies and materials required.
- Recognizes and applies State of California and National electrical codes.
- Installs various types of conduit, understands conduit conductor fill allowances and proper conductors for amperage loads.
- Maintains accurate records and files of work performed, and materials and supplies used.
- Observes appropriate safety procedures, properly uses safety equipment (PPE), and works to applicable codes and guidelines.
- Attends training and safety sessions as assigned.

EXPERIENCE & QUALIFICATIONS

The ideal candidate should possess basic electro-mechanical skills including circuit basics, AC/DC voltage, and differentiate between electrical systems. Has worked with industrial equipment such as electric drive motors and controls, process instrumentation, power production systems, and process control systems; experience in commercial voltage electrical systems, 480 volt and above, is a plus.

Candidates will be assessed to determine if minimally qualified using the following minimum qualifications:





Electrical/Instrumentation Technician I – Possession of a Grade I Electrical/Instrumentation Technician certificate issued by the California Water Environmental Association (CWEA), or ability to obtain Grade I certification within one year of employment, **and** a minimum of two years of experience in the maintenance and repair of a variety of electrical, electronic, and/or computer equipment such as found in a secondary wastewater treatment plant and/or related industrial worksites or facilities.

Electrical/Instrumentation Technician II – Possession of a Grade II Electrical/Instrumentation Technician certificate issued by the California Water Environmental Association (CWEA) or ability to obtain a Grade II certification within one year of employment, **and** a minimum of three years of experience in the maintenance and repair of a variety of electrical, electronic and/or computer equipment such as found in a secondary wastewater treatment plant and/or related industrial worksites or facilities.

Electrical/Instrumentation Technician III – Possession of a Grade III Electrical/Instrumentation Technician certificate issued by the California Water Environmental Association (CWEA) or ability to obtain a Grade III certificate within one year of employment, **and** four years of experience in the maintenance and repair of a variety of electrical, electronic and/or computer equipment such as found in a secondary wastewater treatment plant and/or related industrial worksites or facilities. Possession of a technical diploma or associate degree in electrical, instrumentation, or automation technology and/or a Journeyman Electrician License is highly desirable.

All positions require possession of a valid California class C driver's license, have a satisfactory driving record, and continue to meet CSRMA driving standards. Failure to maintain these standards may result in loss of employment.

COMPENSATION & BENEFITS

Monthly Salary: \$8,099.65 - \$10,337.44

CMSA offers a wide range of benefits to employees. Employee benefits for this position can be found on the Agency website at: [CMSA Employee Benefits](#).

APPLICATION PROCESS

To apply for this opportunity, please submit a resume, and signed application by email to recruiting@koffassociates.com. Please visit Koff & Associates' website at www.koffassociates.com to download a CMSA application. As an alternative, you can mail the completed application materials to Koff & Associates, 2835 7th Street, Berkeley, CA 94710. Applications can be obtained from the CMSA office at 1301 Anderson Drive, San Rafael, CA 94901.

If you have any questions regarding this opportunity, please contact Koff & Associates at (510) 658-5633.

The deadline to apply is Friday, November 19, 2021.

