



BAYWORK MAINTENANCE TRADES INTERNSHIP - 2024

Participating Bay Area Water/Wastewater Agencies: Central Contra Costa Sanitary District, Contra Costa Water District, Delta Diablo Sanitation District, East Bay Municipal Utility District, West County Wastewater District

Location: Machine shops and other industrial settings in Alameda and Contra Costa Counties.

Positions: Industrial Maintenance Trades including Mechanic, Machinist, Electrician, Instrument Technician

Number of Openings: Up to 8 positions

Dates: Feb. 26th – June 30th, 2024. Interns will work a minimum of 24 hours/week for up to 52 weeks; rotations of 4-6 months at 2-3 agencies. (Ex. 6 months at one agency followed by 6 months at a second agency, assuming successful completion of 1st rotation.)

Pay rate: Between \$20-\$26/hour depending on location

DUE: Applications due by Wednesday, Feb. 7th, 2024

Internship Description:

Experience the work environment of a Maintenance Mechanic, Maintenance Machinist, Electrician, or Instrumentation Tech at a Bay Area water/wastewater agency. As an intern, you will:

- Learn to work safely, responsibly and follow safety regulations, safety policies and procedures.
- Job shadow and assist tradespeople as they inspect and repair various mechanical, hydraulic, pneumatic, electrical, and instrumentation systems to ensure efficient operation.
- Work with maintenance, engineering, and operations personnel to solve problems and determine needs.
- Update and maintain a variety of detailed records of work performed; interpret equipment and process diagrams.
- Work closely with operations, engineering, and/or vendors to complete projects.
- Assist in the performance and support of activities in compliance with state regulations.

Duties Specific to Maintenance Mechanic and Machinist Interns

- Gain the knowledge and skills required to install, troubleshoot, and repair the following equipment or systems:
 - Hydraulic and pneumatic components or systems
 - Gear and Winch systems
 - Pump troubleshooting and repair; piping/plumbing installation and repair
 - Mechanical maintenance practices and procedures; rigging principles and practices
 - Shop Machines, tools, and equipment

Duties Specific to Electricians and Instrument Technician Interns

- Investigate and analyze computer and telemetry error messages to identify hardware and software malfunctions; set programmable controllers to appropriate parameters.
- Operate and maintain electronic test and calibration equipment.

Internship Requirements:

- Completion of at least one semester of either Machine Technology, IMMM certificate training, Industrial Electrical, Electronic, or Instrumentation and Controls programs at a Bay Area Community College, relevant formal apprenticeship, relevant military training, or private trades training program. Equivalent work experience may be considered to satisfy the education requirement.
- Possession of a high school diploma or GED.
- Possession of the physical characteristics to learn and perform tasks including lifting and carrying tools and equipment weighing 50 lbs. or more.
- Given the work is in industrial settings, the candidate must be willing to work outdoors and in inclement weather.

This program provides:

- Paid internship at Bay Area water and wastewater agencies
- On the job experience in maintenance trades
- Assistance with tuition, books, transportation, and safety equipment costs
- Post-internship job placement services & referrals to job openings with Bay Area agencies
- Referral to local apprenticeship and civil service testing opportunities

Application Process:

- Fill out the online application - follow the link [here](#).
- Eligible applicants with complete applications will be invited to a phone interview.
- Selected qualified applicants will be invited to an in-person interview.

Questions? Contact us: sfbaywork2011@gmail.com