

Instrumentation & Controls Apprenticeship Opportunity



Valley Water is launching an apprenticeship program to train two individuals in 2024 to become Instrumentation & Controls Technicians. It's a great opportunity to learn a highly skilled trade while being paid a living wage, plus significant benefits. **No prior experience is required.**

This program involves rigorous training and will require high commitment. The apprenticeship is designed to last four years, with annual wage increases for apprentices as they master the trade. Apprentices will work full-time at Valley Water facilities while attending evening classes at the Mission College Mechatronics Program and receiving additional online instruction.

Valley Water's apprenticeship program is registered with the US Department of Labor in partnership with BAYWORK, a workforce consortium of water and wastewater utilities in the Greater San Francisco Bay Area, [BAYWORK](#).

Starting apprentice compensation is \$87,459 per year

Regular increases bring compensation up to \$109,324 after 8,000 hours of on-the-job training in the program. Apprentices also receive a generous benefits package, including medical, dental and vision.

Upon completing the program, each apprentices will advance to the Instrumentation & Controls Technician II position.

What is an Instrumentation & Controls Technician (I&C Tech)?

An I&C Tech is responsible for installing, maintaining, and repairing the various electronic and electro mechanical equipment that allow a modern water system to function safely and efficiently.

This is a challenging career that will remain in high demand without being affected by automation.

Application Process

Applications will be available on the [Valley Water jobs page](#) during the week of February 5, 2024. Applicants must submit an online application and an official high school graduation transcript or equivalent.

The selection process will include an evaluation of your high school transcript, interviews, and assessment tests. Applicants with relevant post-high school experience and knowledge may receive extra credit.

The apprenticeship is expected to begin in late May and community college classes will start in fall 2024.

To learn more about this apprenticeship, please register for one of the following upcoming sessions:

JAN 25 Information Session #1
2:00 p.m - 3:30 p.m.

https://valleywater.zoom.us/meeting/register/tZAucO6orzgoGNHQKw25IMGZ_I1ZV61Q33hK

FEB 7 Information Session #2
2:00 p.m - 3:30 p.m.

https://valleywater.zoom.us/meeting/register/tZcpcOCurT4uG92jaG4yfl-aceK_jPmrJqxi

Applicant Eligibility Criteria

- Provide proof of high school completion with an official transcript or equivalent
- Must be 18 years of age or older.
- Be the owner of a valid class C California driver's license
- While no prior experience is required, selected candidates must pass a pre-employment screening process which includes reference and background/criminal checks.
- Applicants must be able to work full-time (40 hours/week) and attend scheduled evening classes.

Physical Conditions – Given the essential and other critical functions of the apprenticeship and I&C Tech position, applicants may be required to walk, stand or sit for extended periods of time. This mobility includes being able to walk on uneven or inclined surfaces and slopes and other rough terrain. Also, they need to be able to work above and below shoulder, and in awkward positions, specifically able to stoop, push, pull, squat, crawl, twist, kneel, climb, bend (at neck and waist), and possess fine manipulation skills that include simple and power grasping abilities. They must have moderate lifting ability (capable of lifting items that weigh a maximum of 50 pounds). Additionally, applicants must have audiovisual acuity, manual dexterity and can operate motorized equipment and vehicles.

Environmental Conditions - Selected candidates must be prepared to participate in frequent field visits and work on field assignments, which require travel from site to site. At times, they may be asked to work irregular hours, overtime and be on-call. This work may require close proximity with others and working independently. There's potential to work in confined spaces, at elevated heights, around heavy machinery, mobilized vehicles, and in high traffic areas. The work may involve exposure to:

- electrical and radiant energy
- inclement weather conditions (heat, cold, dampness, etc., which may require traveling on uneven terrain and slippery surfaces)
- biohazards
- biological and chemical contaminants

- fauna and flora (poison oak/ivy/sumac, etc.)
- dirt, dust, fumes, vapors, smoke, gases, noise, chemicals, etc.

And all other conditions associated with construction sites, water treatment plants, and urban and remote field conditions.

Get to Know Us Better



Rick L. Callender, Esq. Chief Executive Officer
Valley Water

Valley Water is a government agency that provides safe, clean water; flood protection; and stewardship of streams in Santa Clara County. Valley Water is run by a [Board of Directors](#), which includes seven elected members representing equally divided districts.

Valley Water's CEO, [Rick Callender](#), was appointed in July 2020 after 24 years of employment with the organization, serving most recently as the Chief of External Affairs (CEA). He is the first African American to serve in the role in Valley Water's 90-year history.

Callender created a new office of Racial Equity, Diversity, and Inclusion (REDI) in the organization and serves as the President of the California Hawaii State Conference National Association for the Advancement of Colored People (NAACP).

Read about [Valley Water's Mission, Vision, and Values](#) to learn who we are, what we believe in, and where we want to go. Valley Water values [diversity](#), [equity](#), [inclusion](#), and [belonging](#) and offers 11 Employee Resource Groups, which are similar to college clubs.



Questions?

To learn more about the job of an Instrumentation & Controls Technician please visit the [BAYWORK](#) website.

or visit the [BAYWORK Apprenticeship FAQ](#) page.