

Sr Instrumentation Technician

Job ID: 201811-126359

Job Function

General Manufacturing

Schedule

Full time

Location

United States of America - California
Oceanside

Job type

Regular

Company/Division

Pharmaceuticals

Job Level

Individual contributor

The Position

Conduct diagnostics, calibrations, repairs, and modifications of industrial process control instrumentation. Assist with engineering and evaluation of new instrumentation and process control systems. Prepare and organize technical documentation and operational procedures. This is a journeyman-level position.

Job Responsibilities

- Install, calibrate, troubleshoot, repair, and modify process control instruments or systems for manufacturing applications.
- Install, calibrate, troubleshoot, repair, modify electronic, electromechanical, and pneumatic control devices for utility systems which support the manufacturing facilities.
- Perform calibrations and scheduled preventive maintenance on analytical and other laboratory instruments.
- Program/configure Instrumentation as needed for new installations and/or replacements
- Assist with control systems start-up and validation.
- Write calibration and equipment service reports.
- Write calibration and preventive maintenance Standard Operating Procedures.
- Provide general expertise and training to junior level technicians.
- Test control systems and assist in validation of new and existing manufacturing facilities.
- Collect and organize technical data from equipment manufacturers, equipment users, and engineering personnel.
- Assist in preparation of engineering revisions.
- Assist as technical SME with identification, purchase, and organization of spare parts.
- Interact with Manufacturing, Laboratory, Maintenance, Metrology and Engineering staff members as well as other internal/external customers.
- Perform 2nd level review for compliance to cGMP calibration SOPs and internal business processes.

- Review and confirm completion of work orders in CMMS.
- All employees with jobs that require access to the Warehouse must be able to pass the Transportation Security Administration (TSA) Security Threat Assessment (STA).
- Follows established safety and environmental guidelines and procedures for all work performed. Immediately reports safety and environmental incidents including injuries, illnesses, near misses, and safety suggestions. Fosters a positive safety culture in which no one gets hurt.

Job Requirements

- Completion of an Instrumentation or Industrial Electronics (2-year) curriculum at a technical school, or an AA/AS Degree in a related science or engineering major plus substantial relevant on-the-job training.
- 5 years in manufacturing process instrumentation and control and/or analytical instrumentation or a closely related job and minimum 2 years in a cGMP environment..
- Good communication skills, both written and oral.
- Prompt, consistent and orderly work habits.
- Ability to read and interpret engineering documents and to produce shop schematics.
- Ability to work independently on all but complex or controversial issues.
- Ability to interact well with others in a team environment.
- Strong organizational skills and time management skills.
- Thorough knowledge of the fundamental operating principles of industrial process Instrumentation and systems.
- Must be proficient in ISA standards and practices for instrumentation.
- Thorough knowledge of PID control theories and techniques.
- Thorough knowledge of relay ladder logic and programmable controllers.
- Ability to use Building Management Control System (BMCS) and Manufacturing Control System (MCS)
- Available to work overtime when necessary and work varying shifts, including an On-Call program.
- General knowledge of shop tool operation and safety.

Work Environment/Physical Demands/Safety Considerations

- Schedule may include a non-rotating 4-day (10 hour shift), one weekend day, evening or night hours, or full off-shift hours.
- Expected to be on feet for 8 to 10 hours a day.
- Climb upwards of 6 flights of stairs a day to maneuver within the manufacturing facility.
- Climb heights up to 30 feet by ladder.
- Lift up to 60lbs may be required.
- Environment requires that gowning in the form of hospital scrubs, bunny suits, gloves and steel toe boots be worn. Also, no make-up or jewelry can be worn when working in the clean room environment.
- Work in clean room environment with large mechanical equipment, piping, and pumps connecting to tanks serviced by high-pressure steam, water and air together this creates a loud environment.
- Work with hazardous materials and chemicals.
- Wear air purifying respirator and wear necessary hearing protection.

- Crawl, kneel and stoop and work in small work spaces.

This position is not eligible for relocation.

Who We Are

A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 40 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. Genentech has multiple therapies on the market for cancer & other serious illnesses. Please take this opportunity to learn about Genentech where we believe that our employees are our most important asset & are dedicated to remaining a great place to work.

Genentech is an equal opportunity employer & prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, disability, marital & veteran status. For more information about equal employment opportunity, visit our [Genentech Careers page](#).