

Engineer I/Engineer II

Job ID: 00414148

Job Function

Production & Manufacturing

Schedule

Full-time

Location

United States-California
Vacaville

Job type

Regular Employee

Company/Division

Pharmaceutical

Job Level

Experienced

Who We Are

At the Roche Group, about 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 30 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. The headquarters for Roche pharmaceutical operations in the United States, Genentech has multiple therapies on the market for cancer and other serious illnesses. Please take this opportunity to learn about Genentech, where we believe that our employees are our most important asset and are dedicated to remaining a great place to work.

The Position

Summary:

This is an E2/E3 Automation Engineering position mainly intended to provide support for biopharmaceutical manufacturing projects and operations as part of the Vacaville Technology Science and Engineering Automation Group. Area of focus will primarily be the manufacturing production Distribution Control Systems (DCS) system. Candidate must be a self-starter who can independently drive projects and day-to-day work tasks to completion according to a defined budget and schedule. The candidate must be able to work well with others in an informal results oriented environment.

Responsibilities:

- Software/hardware design, development, test, implementation and support for the manufacturing Distributed Control System (Siemens APACS - Wonderware Archestra DCS).
- Troubleshooting of automation issues impacting the manufacturing process, processing equipment and/or the DCS.
- Providing 24/7 on-call support on a rotating basis.
- Providing technical assessments and evaluations for discrepancies that occur during manufacturing operations

- Providing technical input for investigation and developing and implementing automation related corrective action plans.
- Developing and revising automation design documents
- Preparation of automation work plans and automation related change records
- cGMP compliant execution of off-line and on-line coding and testing.
- Supporting and leading Automation projects including detailed design, design review, implementation, testing/debug, and troubleshooting.
- Collaborating with the Manufacturing, BSI, Quality, Facilities, and Technology departments to implement continuous improvement changes as well as capital projects.
- Providing clear written and verbal communication across functional departments at various levels to drive efficient issue resolution and change implementation.

Who You Are

Job Requirements:

- Minimum of 2 years as a practicing professional with work experience in cGMP biopharmaceutical production or equivalent combination of education and experience. Work experience specific to automation design, implementation and/ or support of automated control systems, preferably in the biopharmaceutical, pharmaceutical, food or other batch processing industries is highly desirable.
- BSc./MSc. in an Engineering Discipline such as Automation, Chemical, Electrical, or equivalent.
- Candidate must have working experience with the configuration of automation systems using the IEC 61131-3 programming languages. Experience with Siemens APACS or Wonderware ArchestrA configuration and the S88.01 Batch Control Standard is highly desirable.
- Experience with programming languages and applications such as C, C# Visual Basic and Microsoft SQL Server is a plus.
- Thorough understanding of Good Manufacturing Practices (GMPs) as they apply to bioprocess manufacturing.
- Thorough understanding of Good Automated Manufacturing Practice (GAMP) as it applies to automation design, implementation, and testing.
- Demonstrated drive for results and a Passion for learning
- Strong skills in communication, teamwork and leadership.
- Must be flexible for after-hours on call support rotation and support of 24/7 manufacturing operations.

Genentech is an Equal Opportunity Employer.