

Automation Engineer - Process Development Engineering

Job ID: 00414056

Job Function

Process Engineering

Schedule

Full-time

Location

United States-California
South San Francisco

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

Level:

Automation Engineer I (E2)

Genentech's US Biologics Pharma Technical Development organization is looking for an Engineer I to work in our Process Development Engineering group (PDE). PDE's role is to provide innovative engineering services to the cell culture and purification pilot plants and labs. PDE also evaluates new automation, robotics, and process sensor solutions for Drug Substance processing.

The Automation Engineer will be expected to support the users and systems in the large scale cell culture pilot plant. This role will require design, specification, implementation and maintenance of bioreactor control systems for both mammalian and microbial processes. Key roles and responsibilities include:

- Identification, evaluation and implementation of new technologies to improve the efficiency

and safety of control systems at Genentech.

- Maintenance and troubleshooting of hardware and software on the process control systems in the Process R&D Labs and pilot plants.
- Design, implementation and support of laboratory automation systems.
- Leading and supporting small project teams which design develop and integrate automation systems in the Process R&D laboratory and pilot plants.
- Scope of work definition and supervision of contract labor for small and medium projects under the direction of a senior engineer.
- Collaboration with Corporate Engineering, Manufacturing Science and Technology (MSAT) and other business partner groups on technology transfers and information exchanges.
- Author and maintain system support and specification documentation.
- Author technical reports and/or presentations.
- 24/7 on-call support is required for this position.

Who You Are

- BS or higher in chemical, electrical or mechanical engineering with one to five years relevant experience.
- Theoretical and applied knowledge of DCS and/or PLC programming, process instrumentation, process control, S88 Batch programming, communication networks, and information management systems.
- Experience with system platforms such as Emerson DeltaV and Rockwell FactoryTalk is a plus.
- Applied knowledge of data collections systems such as OSI PI.
- Strong interpersonal skills, strong communication and proactive attitude.
- Candidate must be comfortable with working in a dynamic, innovative and change-oriented environment.
- Experience with specifying instrumentation solutions is a plus.
- Experience with biologics processing technologies such as bioreactors, chromatography, TFF, and liquid vial filling is a plus.

Genentech is an Equal Opportunity Employer.