

## Senior Engineer

Job ID: 00414291

### Job Function

Production & Manufacturing

### 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

Purpose:

The senior utilities engineer provides technical leadership and accountability for plant and GMP utilities engineering in the delivery of capital projects and engineering services for research and development (R&D) and quality laboratory, as well as commercial and clinical manufacturing related facilities.

Responsibilities:

- The senior utilities engineer will work effectively on multi-discipline engineering capital project teams, as well as other project related cross-functional teams with representatives from departments throughout the Pharmaceutical Technical Operations and R&D organizations.
- Responsibilities may extend to all regional Americas manufacturing and research facilities, as well as the network of Contract Manufacturing Organizations organized under the Manufacturing Collaborations group.
- The primary area of focus for this position will be the execution of projects from design

through commissioning and qualification. The senior utilities engineer will be accountable for:

- Planning and Execution of Projects: including project approach and resource needs, options analysis, utility systems and equipment design, engineering document development, and system ownership through the project delivery phases of plan, design, procure, construct, commission and qualification for research, cGMP and development facilities; and
- Technical Analysis: including utility system and technology plant fits, capacity and equipment utilization, value engineering, sustainable design, constructability and assessment of applicable new technologies to balance performance, cost and maintainability.
- Areas of expertise include systems and equipment for purified water, water for injection (WFI), clean steam, process air, process gases and process waste, as well as associated knowledge in plant steam, plant chillers and utility piping.
- This position requires coordination of Genentech/ Roche and/or contract engineering resources. Facilitating meetings, directing engineering firms and consultants, field supervision, equipment inspection and start-up, construction trade coordination, and training of operational staff are often required. Success in these areas will depend upon the individual's ability to effectively communicate, collaborate, and foster positive interactions with team members, while diligently managing adherence to project scope, budget and schedule.
- The senior engineer is expected to be an effective communicator of ideas, project goals and results. With minimal supervision, is expected to make presentations and updates to senior management and in broader forums both internal and external to Genentech.
- The senior engineer is expected to contribute to increasing the efficiency and effectiveness of the Engineering Technology department by contributing toward infrastructure improvements to guidelines, procedures, practices, standards and cross-functional business processes. The senior engineer should share insights and improvements, participate in design reviews across the portfolio of departmental projects, and contribute to best practice forums across our network of global engineers and partners.

## **Who You Are**

Requirements:

- B.S. in Chemical Engineering or equivalent with 8 or more years pharmaceutical technology experience in industry or academia after receiving their Bachelors degree, at least five of which involved utility system design, performance analysis, construction, and/or commissioning and qualification activities for GMP facilities.
- Experience as utilities lead for complex capital projects within the pharmaceutical industry.
- Delivers projects consistently, in compliance with cGMP requirements.
- Champions self initiated or assigned projects. Justifies project goals to colleagues. Acts as a mentor for those with similar or less engineering expertise.
- Contributions are integral to the success of projects and the achievement of both technical and organizational objectives.
- Strong technical leadership, collaboration, and sound business value based prioritization

and problem solving skills.

- Significant travel may be required to meet business needs.

Genentech is an Equal Opportunity Employer.