

Senior Engineer, Utility

Job ID
REQ-10067315

11月 25, 2025

USA

摘要

#LI-Onsite

Location: This role is based in Durham, NC. Novartis is unable to offer relocation support: please only apply if accessible.

Join us in shaping the future of pharmaceutical manufacturing! As an Senior Engineer, Utility, you ' ll play a critical role in ensuring the reliability and efficiency of essential utility systems that power life-changing therapies. This is your opportunity to lead impactful projects, drive innovation, and collaborate with cross-functional teams to maintain world-class standards. Your expertise will help safeguard compliance, optimize performance, and support continuous improvement - making a real difference in patient outcomes and operational excellence.

About the Role

Key Responsibilities:

- System ownership responsibilities for site-based utility, electrical, and HVAC systems; including but not limited to water-for-injection, water pre-treatment, chillers, boilers, compressed gases, plant steam/condensate, wastewater, biowaste inactivation, air handling units, cold rooms, switchgear, emergency generators, cooling towers, fire protection, and control systems.
- Oversee installation, maintenance, troubleshooting, and repair of critical facility and utility assets to ensure reliability and minimize downtime.
- Manage equipment changes and upgrades to maintain validated states, ensuring compliance with qualification and regulatory requirements.
- Create, review, and approve essential documentation including SOPs, engineering drawings, maintenance plans, and equipment specifications to support robust operations.
- Investigate non-conformance events and alarm issues, applying root cause analysis and developing effective engineering solutions to prevent recurrence.
- Drive operational excellence initiatives, implementing strategies to optimize system reliability, reduce failure modes, and improve energy efficiency.
- Provide SME-level leadership on projects, guiding all phases from concept through closeout, ensuring timely delivery and adherence to quality standards.
- Collaborate with cross-functional teams including operations, quality, and manufacturing sciences to achieve site objectives and support new product introductions.
- Mentor and coach junior engineers, fostering technical growth and promoting best practices across the engineering team.

Essential Requirements

- B.S. degree in Chemical, Electrical or Mechanical Engineering, or related technical field, with a minimum of 8 years' work experience providing maintenance, automation, engineering, or equivalent support within the pharmaceutical, biotechnology, or related industry

OR

- Associate's degree/Diploma/Certification in Engineering Technology or Related Skilled Technical Field, with a minimum of 10 years work experience providing maintenance, automation, engineering, or equivalent support within the pharmaceutical, biotechnology, or related industry

OR

- Equivalent work experience (12+ years) experience providing maintenance, automation, engineering, or equivalent support within the pharmaceutical, biotechnology, or related industry

AND

- Strong technical writing skills and ability to create clear, compliant documentation
- Proven expertise in troubleshooting complex equipment and applying root cause analysis techniques
- Hands-on experience with automated building management systems and industrial PLCs

- Demonstrated ability to lead projects from initiation through completion, ensuring compliance and timely delivery
- Excellent communication and collaboration skills, with a track record of working effectively in cross-functional teams

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between \$103,600 and \$192,400 per year. The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors. Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards. US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

Company will not sponsor visas for this position.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Operations

Business Unit

Production / Manufacturing

地点

USA

状态

North Carolina

站点

Durham

Company / Legal Entity

U473 (FCRS = US473) Novartis Gene Therapies

Functional Area

Technical Operations

Job Type

Full time

Employment Type

Regular

Shift Work

No

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