

Senior Utility Engineer

Job ID

REQ-10076186

Apr 23, 2026

LOC_US

About the Role

Location:

- This position will be located in Durham, NC and will be an onsite role.
- Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

Key Responsibilities:

- Own site utility, heating ventilation and air conditioning, electrical, and control systems supporting good manufacturing practice manufacturing operations.
- Provide hands-on engineering oversight for installation, maintenance, troubleshooting, and repair of critical facility assets.
- Manage equipment changes to maintain a validated state across the full asset lifecycle.
- Create, review, and approve operational procedures, maintenance plans, drawings, and equipment specifications.
- Lead investigations, alarm management, and root cause analysis for equipment and utility nonconformance events.
- Ensure compliance with good manufacturing practice requirements, federal regulations, and Novartis quality standards.
- Serve as subject matter expert supporting audits, inspections, and complex engineering issue resolution.
- Lead projects from concept through commissioning, qualification, and closeout with minimal supervision.
- Drive operational excellence, reliability strategies, and continuous improvement initiatives across site utility systems.
- Mentor engineers and collaborate cross-functionally to support site objectives and long-term facility strategies.

Essential Requirements:

- Bachelor's degree in chemical, electrical, or mechanical engineering, or related field, with a minimum of 8 years' experience in a regulated manufacturing environment.
- Alternative qualification: associate degree or technical certification with a minimum of 10 years, or equivalent experience with 12 years, in regulated industries.
- Proven experience supporting utility, facility, or manufacturing systems within pharmaceutical, biotechnology, or similar regulated environments.
- Strong technical writing skills with experience authoring, reviewing, and approving regulated engineering documentation.
- Demonstrated ability to investigate complex equipment issues and deliver compliant, effective engineering solutions.
- Hands-on expertise in root cause analysis, equipment troubleshooting, and automated facility management systems.
- Strong project management capability, including leading projects from scope definition through execution and closeout.
- Excellent communication, collaboration, and organizational skills, with the ability to work independently and across teams.

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between \$108,500 and \$201,500 annually

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.

#LI-Onsite

Role Requirements

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: Learn about all the ways we'll help you thrive personally and professionally.

[Read our handbook \(PDF 30 MB\)](#)

Division

DIV_TO

Business Unit

Production / Manufacturing

Location

LOC_US

Site

Durham

Company / Legal Entity

U473 (FCRS = US473) Novartis Gene Therapies

Functional Area

FCT_TO

Job Type

Full time

Employment Type

Regular

Shift Work

No

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