

# Automation Engineer II

Job ID  
REQ-10019399  
Aug 19, 2024  
USA

## Summary

### Job Description Summary

The Automation Engineer II is responsible for participating on automation design teams and supporting specific systems for a Novartis gene therapy manufacturing facility. This includes responsibilities for helping to maintain, troubleshoot, and modify the GMP and non-GMP control systems. Systems include plant wide DCS (DeltaV), BMS (Rockwell SCADA) and 3rd party local control systems.

Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

## About the Role

### Responsibilities:

- Helps to maintain, troubleshoot, and modify the GMP and non-GMP control systems
- Participate in the design, configuration, installation, and maintenance of automation software and associated hardware, including interacting with other teams as necessary
- Prepare scopes of work for small to medium sized automation projects
- Develop project objectives working with user requirements and business plans
- Participate in discussions with internal business partners on priorities, timelines and transparent sharing of information
- Develop/update equipment specifications in standard documentation – User Requirements (URS), Functional Specification (FS) and Detail Design Specifications (DDS/HDS/SDS)
- Maintain procedures to meet GMP requirements, CFR's and internal company policies
- Support 24x7 site-based operations including rotating on-call responsibilities.

### Requirements:

- B.S. degree in Engineering, Computer Science, or related technical field or 6 years of equivalent work experience in lieu of degree
- 2 years' work experience in pharmaceutical or biopharmaceutical based GMP manufacturing operations; or 6 years equivalent work experience
- Experience programming, troubleshooting and start-up of PLC and/or DCS systems and troubleshooting manufacturing equipment utilizing these systems. DeltaV DCS and Rockwell PLC experience preferred
- Working in a team environment, with excellent communication and organizational skills
- Experience in executing test protocols for automation system level commissioning and qualification
- Experience executing change controls in change management systems
- Working knowledge of field device signal wiring practices/panel design, instrumentation and modern

industrial communication protocols

- Familiarity with FDA regulations particularly 21 CFR part 11 and GMP systems.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here:

<https://www.novartis.com/about/strategy/people-and-culture>.

The pay range for this position at commencement of employment is expected to be between \$80,000 and \$120,000 Annual; however, base pay offered may vary depending on multiple individualized factors, including market location, job-related knowledge, skills, and experience. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors. You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. <https://www.novartis.com/careers/benefits-rewards>

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**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>

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**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 who are focused on building and advancing a culture of inclusion that values and celebrates individual differences, uniqueness, backgrounds and perspectives. 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. We are committed to fostering a diverse and inclusive workplace that reflects the world around us and connects us to the patients, customers and communities we serve.

#### **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](mailto: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.

Division

Operations

Business Unit

Innovative Medicines

Location

USA

Site

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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