

Senior Expert Engineering - Automation (m/f/d)

Job ID
REQ-10040716
Feb 26, 2025
Switzerland

Summary

Location: Basel, Switzerland

Role Purpose:

Establish, maintain and improve the automation processes with respect to buildings, equipment and utilities. Provide cost-effective and efficient technical solutions, standards, strategies and act as a subject matter expert of automation and interface to IT. Support design, implementation and maintenance of automation systems in projects and site operations. Translate scientific business needs into actionable automation tasks

About the Role

Activities:

Organizational:

- Support internal and external audits

Automation:

- Develop & implement Coding / Recipes (DCS / Scada / PLC's / Control Networks)
- Design, implement & maintain Historian Configuration for modules / visualization / OPEX
- Implement Software Change Controls associated with automation / system changes
- Own and develop automation solutions that are consistent with specific needs of the manufacturing environment.
- Take an active role in preparing adequate and cost effective solutions for all automation investment related projects. Leverage best practices and expertise across the Engineering network.

Operational Technology (OT):

- Manage operations for (OT) systems, tools and applications, ensuring their stability and integrity, while meeting customer service levels.
- Support OT systems business owner in all occurring technical topics and operate all IT/OT services, systems and applications, to monitor events that occur in the enterprise environment.
- Ensuring that configuration items (any component that needs to be managed in order to deliver an IT/OT service) are identified, accounted, reported, verified and audited.
- Implement / execute the end to end processes required for OT systems and Cyber security requirements.
- Ensure that an up-to-date asset inventory for all technology assets is maintained.
- Take accountability to ensure adherence to security and compliance policies and procedures.

Life Cycle Management & Project Engineering:

- Work according to standard quality processes including Change Requests, deviation investigations (including RCA), authoring/maintaining SOPs & WPs
- Create / maintain / verify engineering documents (protocols, drawings, lists, schedules, diagrams, layouts, calculations, datasheets)
- Perform Project Risk Assessment
- Identify technical solutions
- Prepare Equipment Specifications and System Requirements in project (e.g. User Requirement Specification)
- Prepare Functional Specifications in project
- Prepare, review and approve drawings, lists, schedules, diagrams, layouts, calculations and datasheets in project
- Perform engineering tasks for full project lifecycle (hardware & Software), incl: FAT/ SAT, Commissioning and Qualification, maintenance, decommissioning
- Execute work orders for projects as per method statement

Required Skills & Experience:

- 5 years of engineering experience in Automation in Chemical or Pharmaceutical industry
- Proven in resolving software /automation problems & maintain reliable operation of all building control / automation and related systems while complying and supporting the global standards.
- Experience in maintaining reliable operation of building automation and related systems, ensuring maximum system availability and acceptable performance.
- Maintenance and development of building automation and related systems in adherence with global & local procedures
- Communications skills essential.
- Skills in C&Q within the automation (CSV).
- Extended knowledge of GxP / HSE & Quality systems

Languages:

- German
- English

Commitment to Diversity and Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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.

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Division

Development

Business Unit

Innovative Medicines

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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