TRD Pilot Plant Automation Engineer

Job ID
REQ-10038888
Mar 04, 2025
Italy

Summary

Leads the Pilot Plant Automation function, which is responsible to establish, maintain and improve the automation processes with respect to site buildings, equipment and utilities. He coordinates all automation projects and initiatives, external vendors included. He provides cost-effective, GxP and HSE compliant and efficient technical solutions, standards, strategies and act as a competence center for automation and interface to IT. Ensure automation systems have the needed level of reliability, efficiency and flexibility required by the RLT Pilot Plant nature.

About the Role

Key responsibilities:

- Prepare monthly engineering reports with key KPIs (Capex, Maintenance, HSE and Quality)
- Support internal and external audits
- Implement technical standards
- Implement GOPs
- If needed, create regional / site SOPs & templates
- Lead or contribute to equipment, utility, facility improvement projects (e.g. energy efficiency, productivity, environmental compliance, maintenance)
- Ensure know-how and competencies in the automation function are always available.
- Implement sharing and leveraging of best practices and expertise in the automation area
- Own the Training Curriculum for own Job Profile
- Train operators and / or technicians
- Manage external resources efficiently
- Drive / improve technical availability, reliability and condition of assets
- Establish cost efficient repair and maintenance / calibration processes in compliance with local regulations, HSE, GMP
- Define and execute asset strategy and proper asset lifecycle management for process control systems in the plant
- Develop, monitor and improve KPI for maintenance & calibration
- Investigate deviations (Root Cause Analysis)
- Manage external resources efficiently
- Develop contractual strategy and framework to manage vendors / contractors and corresponding contracts for equipment and assets.
- Establish and execute vendor/contractor commercial and legal agreement
- Efficient vendor management
- Prepare Equipment Specifications and System Requirements in project (e.g. User Requirement

Specification)
- Prepare / execute Project Health & Safety Risk Assessments (Equipment / Process)
- Develop test specification / plan for commissioning & qualification in projects
- Perform new equipment FAT / SAT / inspections in project
- Perform commission activities
- Manage project deficiencies and deviations
- Perform provisional and final project handover
- Approve periodic re-qualification plan for automation systems
- Develop & design Process Control Systems
- 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
- Design and implement Master Batch Records (MBR) for MES
- Establish & maintain Computer Systems Life Cycle Management
- Develop & deliver OT activities (e.g. Backup & Recovery / Patch Management / Remote Access / User Access)
- Establish & maintain new / modified end-to-end OT services / processes / procedures for Automation / Manufacturing / QC equipment

Essential requirements:

- Degree in Automation / Electronic / Mechanical / Electrical engineering or equivalent. Master's degree is desirable.
- Fluent in English and proficient in local language.
- 3+ years of engineering experience in Automation in Pharma/Chemical industry or equivalent field.
- Leadership experience for the management of external resources and vendors
- Project management skills including resource planning, budget control & quality.
- Proven experience in troubleshooting and resolving software /automation problems & maintain reliable operation of all building control / automation and related systems.
- Own and develop automation solutions that are consistent with specific needs of the manufacturing environment while complying and supporting the global standards.
- Communications skills with the ability to present ideas & solutions.
- Excellent professional writing skills
- Skills in C&Q within the automation (CSV).
- Extended knowledge of GxP / HSE & Quality systems.

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International
Business Unit
Innovative Medicines
Location
Italy
Site
Ivrea
Company / Legal Entity
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Functional Area
Research & Development
Job Type
Full time
Employment Type
Regular
Shift Work
No
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