NOVARTIS

Senior Expert Engineering

Job ID
REQ-10089647
Oct 14, 2026
LOC_IT

About the Role

Main Activities

Strategy:

- Support plant strategy execution ensuring technical reliability, continuous improvement and compliance with HSE and quality requirements
- Execute assigned projects according to expected deliverables and quality, life cycle costs and project schedules.
- Ensure state of the art technical solutions according compliance standards and HSE regulations including radioprotection regulations
- Responsible for the technical availability, reliability, and condition of the production plants.
- Participate in the definition and implementation of the maintenance strategy, program, and budget
- Participate in sharing and leveraging of best practices and expertise within the Novartis engineering community
- Lead the implementation of technology strategy and the approved equipment standards and project execution standards
- Apply initiatives and strategies from global improvement programs and engineering standards and push and support roll out and implementation
- Ensure needed flexibility for TRD processes is applied to the Colleretto Giacosa plant

Leadership & Organization

- Provide engineering expertise and technical leadership to the rest of the team and broader organization
- Ensure technical know-how is correctly built and shared along the TRD RLT network
- Provide technical training and mentoring to Pilot Plant and Operations team members
- Coordinate and lead external resources from engineering and maintenance service providers
- Coordinate and manage equipment and systems suppliers as needed

Quality & Compliance

- Support internal and external audits
- Ensure compliance with Quality Manual / Quality Modules / Standard Procedures.

- Implement global SOPs and Standards
- Create and manage site specific SOPs/WPs & templates
- Manage investigations, deviation handling, CAPAs implementation, Change Control executions and Quality events as relevant

Maintenance & Calibration:

- Drive / improve technical availability, reliability, and condition of assets
- Develop, monitor and improve KPI for engineering
- Establish/support cost efficient repair and maintenance processes in compliance with local regulations, HSE, GMP
- Define and execute asset strategy and proper asset lifecycle management, calibration, re-qualification and maintenance plans included
- Manage maintenance improvement projects and initiatives
- Create and control maintenance / calibration budget, drive efficiencies

System & Tools:

- Manage, coordinate centrally shared systems/ databases and provide professional infrastructure for design, installation, qualification and lifecycle management of facilities and equipment
- Act as system owner for assigned systems
- Use of CAD systems and other engineering digital tools
- Support the use and handling of Asset Management tools (SAP, CMX, Kneat, etc.)

Ideal Background

Education (minimum/desirable):

Minimum degree in Engineering (industrial field) or equivalent

Desirable MSc in Engineering (industrial field) or equivalent

Languages:

Proficiency in Italian, fluent in English

Experience/Professional requirement:

- At least 7 years in Plant Engineering or similar in pharmaceutical field or other comparable highly regulated field
- Resource coordination as well as maintenance coordination and execution experience
- Extended technical knowledge in industrial systems (clean and black utilities, etc.) and pharmaceutical production equipment

- In-depth technical knowledge in pharmaceutical processes, specifically aseptic processes and equipment
- Experience with radiopharmaceutical production would be a plus
- Wide interdisciplinary knowledge and experience in international and multi-disciplinary complex environments
- Extended HSE and GxP knowledge
- Radiation and radioprotection knowledge is desirable
- Good IT knowledge: SAP, MS Office, Autocad / Solidworks or similar, coding languages
- Excellent communication skills, ability to effectively present complex ideas and solutions to executive management, technical experts, and regional/local teams
- Excellent organizational skills as well as capability to effectively work in a team with multiple different backgrounds

Benefits & Rewards

At Novartis, we're committed to reimagining medicine together - and rewarding the people who make it happen.

Expected Annual Base Salary Range for role: € 45,300 to €84,100

The base salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and minimum 14 weeks paid parental leave.

Role Requirements

Primary location salary range
€45,300.00 - €84,100.00
Division
DIV_GD
Business Unit
Development
Location
LOC_IT
Site
Ivrea
Company / Legal Entity
IT58 (FCRS = IT058) Advanced Accelerator Applications Italy Srl
Functional Area
FCT_RD
Job Type
Full time
Employment Type
Regular

Shift Work

No

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