

Senior Project Engineer(Manager Level)

Job ID

REQ-10068652

Jan 04, 2026

LOC_CN

About the Role

Strategy & Organizational Development:

- Support internal and external audits
- Own the Training Curriculum for own Job Profile

Maintenance & Calibration:

- Get permits for maintenance / calibration / projects
- Execute FMEA and define the maintenance type for each asset; assess equipment criticality (HML)
- Create / maintain / verify engineering documents (protocols, drawings, lists, schedules, diagrams, layouts, calculations, datasheets).

Project Engineering & Control:

- Develop Project Cost Estimation & Value Improvement Review
- Perform Project Risk Assessment
- Prepare Project Initiation Documents (Business Requirements (PBR), Work Breakdown Structure (WBS); Cost Breakdown Structure (CBS), Project Scope Statement (PSS)
- Develop Project Sourcing Strategy
- Identify technical solutions
- Prepare Project Quality Plan
- Prepare project procurement plan, perform project tendering and procurement
- Perform project HSE management & execute project safety stops/reviews
- Perform project reviews (e.g. Technical Quality Review (TQR), constructability)
- Develop Project Commission Plan / Strategy
- Establish Project Change Management & manage changes
- Submit Project Statutory Permits
- Prepare Equipment Specifications and System Requirements in project (e.g. User Requirement Specification)
- Develop Project Execution Plan (e.g. construction)
- Prepare / execute Project Health & Safety Risk Assessments (Equipment / Process)
- Prepare Functional Specifications in project

- Prepare, review and approve drawings, lists, schedules, diagrams, layouts, calculations and datasheets in project
- Issues orders / contracts based on Project Technical Specifications and Bills of Quantities
- Expedite and manage project vendors / contractors / 3rd parties in project
- Develop test specification / plan for commissioning & qualification in projects
- Execute project construction execution (CM & installation supervision)
- Perform new equipment FAT / SAT / inspections in project
- Implement and monitor construction contractor safety and inspection plan
- Execute work orders for projects as per method statement
- Perform commission activities
- Manage project deficiencies and deviations
- Develop project execution strategy and execute investment projects according to customer needs (costs, schedule, functionality, quality)

Ideal Background

Education:

Degree in engineering (Dipl. Ing. / M. Sc. / B. Sc.) or equivalent.

Languages:

Fluent in English and proficient in Chinese.

Relevant Experiences:

- 8 years of engineering experience thereof 3 in investment projects in Pharmaceutical industry
- knowledge and experience of aseptic process and equipment
- Leadership experience for the management of external resources
- Proven project management skills including contract management and project controlling
- Broad interdisciplinary knowledge
- Extended HSE and GxP/QA knowledge

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_CN
Site
Changping County (Beijing)
Company / Legal Entity
CN06 (FCRS = CN006) Beijing Novartis Pharma Co., Ltd
Functional Area
FCT_TO
Job Type
Full time
Employment Type
Regular
Shift Work
No
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