

E&IC and Automation

Project Engineer

Your responsibilities will include the design, optimization and qualification of process facilities in the GMP environment of the pharmaceutical and biotechnology industry. As part of a competent project team you will develop I&C and automation solutions for process facilities and technical building services spanning our complete service spectrum from consulting, design and tender, realization and commissioning through to qualification, process optimization and validation.

Your duties will include in particular:

- Performing and presenting conceptual and optimization studies;
- Preparing and reviewing technical calculations, specifications and user requirement specifications;
- Developing process function charts, instrument loop diagrams, instrument tag lists, parameter lists, status and fault message lists as well as preparing and maintaining electrical and pneumatic circuit diagrams (E-Plan);
- Processing of bid invitation documents and performing vendor and system evaluations;
- Preparing, facilitating and documenting CSV risk and instrument performance analyses;
- Generation and execution of E&IC and CSV-specific test plans for the Design Qualification (DQ), Installation Qualification (IQ), Operational Qualification (OQ) and Performance Qualification (PQ).

Moreover, you will oversee the equipment design and procurement based on the process engineering input, coordinate shop inspections and commissioning activities and perform machinery and process capability studies, optimization measures and plant tests.

Besides a Bachelor's or Master's degree in electrical/automation engineering or process engineering/chemical technology (chemical process engineering), you will command several years' proven experience in the process plant engineering and contracting sector along with a sound background in the design of process plant I&C / automation systems and computerized systems validation.



You will be well versed in the documentation of good engineering practice and be familiar with the GMP quality standards (21 CFR Part 11 / GAMP / NAMUR / ATEX). Skilled in designing scientific and technical documentation and presentations, you will be able to present your knowledge in a structured manner and take a straight-forward approach to arrive at your work results.

Your personal strengths will include strong analytical and problem-solving skills, creativity, commitment, goal orientation and the enthusiasm to master exacting challenges in a team. A confident, personable and professional demeanour in dealing with our customers, a good knowledge of English, proficiency in MS Office and basic CAD skills are taken for granted. You will be willing to travel, and field deployments will be both a challenge and an incentive to you.

You are interested in one of our job offerings?

Please send your complete set of application documents to the Human Resources Department of PROCESS.ING LifeSciences Group.

PROCESS.ING LifeSciences Group
Human Resources Department
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60314 Frankfurt am Main
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