

Among PU machinery and plant manufacturers, the Hennecke GROUP enjoys worldwide reputation as being the company with the broadest product range and highest quality. Our expertise and equipment portfolio covers virtually all fields of PU applications. For more than 75 years, Hennecke has been driving innovation in PU technologies that have gained worldwide acceptance and acclaim - in close cooperation with polyurethane processors around the globe.

**For the North American territory we are looking for**

## Process Design Engineer

### Main responsibilities include:

- Create detailed P&IDs, process flow diagrams, and process documentation for PU processing systems
- Perform process calculations including pump sizing, flow/pressure analysis, and heat transfer evaluations
- Support commissioning and start-up activities for customer installations, including technical troubleshooting and process validation
- Partner with the Sales team to help define system scope, answer technical questions, and support development of proposals
- Collaborate with Mechanical Engineering to ensure seamless integration of piping, pumps, valves, sensors, heat exchangers, and process equipment
- Ensure compliance with relevant safety standards, including OSHA, ASME, and applicable chemical handling practices
- Prepare and maintain documentation, specifications, and process-related content for equipment manuals
- Ability to manage multiple simultaneous projects with Cross-functional collaboration

### Requirements include:

- Bachelor's degree in Mechanical Engineering (or closely related field)
- 5 years of experience with chemical process systems and industrial process design
- Proficiency with CAD proficiency (AutoCAD Plant 3D or similar software)
- Experience with industrial process design and instrumentation understanding
- Familiarity with ASME pressure systems, NFPA standards, or plant safety codes
- Mechanical system integration and startup/troubleshooting capability

### Benefits:

- Competitive salary commensurate with qualifications and experience
- Comprehensive benefits include medical, dental and vision insurance, 401(k) with company match, Life, AD&D, LTD and STD insurance
- PTO and Holiday programs
- Professional development / training including tuition reimbursement
- Flexible hours
- A new and dynamic work environment

Here's YOUR opportunity to capitalize on a genuine career opportunity! If you are a motivated, high energy individual who is looking to take the next step in their career, apply now! Feel free to use our online application:

<http://www.hennecke.com/us/company/career/application>

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