

Position: Mechanical Drafter

GLM Hydro is a young and dynamic New Jersey based company in thermal separation technology applications and GLM Hydro is growing rapidly.

We offer engineered process equipment and systems designed to meet and exceed our customers' needs. We design and deliver evaporation, crystallization and drying solutions for a multitude of organic and inorganic products.

We are committed to being the best in the field of evaporation and drying through our professionalism, dedication, and by keeping the interests of our customers at heart. We strive to ensure that our services are a quality, cost effective alternative for small companies, global organizations, and everything in between in the food, dairy and chemical industries.

We are looking for a full-time Mechanical Drafter to join our growing team in a fast paced environment. The successful candidate has the ability to work in project teams and is a creative asset for each project. Since no two projects are alike your knowledge will get the chance to grow.

The ideal candidate will have strong working experience with Autodesk products, in particular AutoCAD Plant 3D and Inventor. Responsibilities will include P&ID design, solid model design, schematic capture, and support for engineering and design.

Essential Duties and Responsibilities:

The Mechanical Drafter will perform all or some of the following key tasks:

- Develop Process and Instrumentation Diagrams
- Detail Design Drawings including plans and isometrics
- Develop schematic diagrams in AutoCAD in 2D and 3 D
- Develop schematic diagrams in Inventor
- Construction Scopes of Work and Specifications
- Compose pump, valve, instrument lists from drawings
- Construction Bid Packages
- Support development of project engineering bids
- Support development of engineering scopes of work
- Support development of total install cost estimates
- Development of scope change orders
- Input to project schedule – development and ongoing
- Component selection process through online means or direct interaction with suppliers
- Write clear, concise and thorough test procedures, technical specifications and manuals

Education and/or Work Experience Requirements:

- Associates Degree in Mechanical Drafting or relevant work experience
- BS Degree preferred
- 3 or more years of Mechanical Drafting / Design Experience
- Experience or interest in processes and process equipment
- Working knowledge of AutoCAD Plant 3D required
- Working knowledge of Inventor preferred
- Working knowledge of standard Microsoft Office applications (MS Office – Word, Excel and Outlook)

- Familiarity with design analysis and simulation tools
- Excellent written and verbal communication skills
- Strong attention to detail
- Well organized
- Familiarity with industrial standards, such as: 3A, USDA, cGMP, NEC, UL, and CE
- Maintain compliance with all company policies and procedures
- Occasional national and international travel required
- Candidate must be able to acquire a Passport
- Must have a valid Driver's License

Physical Requirements:

- Must be able to sit for work at a desk
- Must be able to talk, listen and speak clearly in person or via phone.

Other Duties:

This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. The duties of this position may change in the discretion of GLM Hydro, LLC and without advance notice to the employee.

GLM Hydro, LLC offers competitive wages and benefit package. GLM Hydro, LLC is an equal opportunity employer.