



Project Engineer I- Full Time - Duluth MN

Moline Machinery LLC is a leading manufacturer of industrial food processing equipment in Duluth, MN. Since 1945, our family-owned business has designed and built automated production systems for high-volume industrial bakeries and food processors both domestically and internationally. Our products range from continuous assembly production lines with fully automated electronic touch screen control to individual components for industrial applications. With 120,000 sq. ft. of manufacturing space and a modern technical center, Moline is committed to innovation and excellence in delivering reliable, high-quality solutions to our customers. EOE

Job Description:

Designs and develops industrial baking equipment and components of a varied complexity level. May act in a project lead role. Develops layouts and drawings of the design. Prepares bill of materials. Follows equipment through manufacturing and assembly, resolving problems as they arise. Makes revisions as needed. Documents the job and all related information.

Key Responsibilities:

- Develops a layout of the design, utilizing computer aided drafting software. May develop new or revise existing designs.
- Contacts vendors as needed with questions regarding capabilities of the equipment.
- Prepares drawings and forwards them to drafting; may also do the drafting.
- Receive drafting information and prepares bill of materials. Forwards information to production to release it to manufacturing.
- Answers questions and follows job through the shop and assembly.
- Makes revisions as needed.
- Photographs equipment at time of shipment.
- Documents the equipment created and all project related information.
- May act as a lead for various projects; clarifies questions on customer specifications and requirements, coordinates various jobs and some installation details; coordinates the installation at the customer's site.
- Assists customer service with parts orders, etc.
- Performs other duties and special projects as assigned.

Qualifications:

- Bachelor's degree in mechanical engineering or equivalent experience.
- Experience with 3D modeling and drafting software (Inventor & AutoCAD preferred), enterprise resource planning software (preferably Epicor), word processing, spreadsheets, presentation software, e-mail (preferably MS Office suite of tools), and the ability to learn new software as required.
- Strong machine design and analysis skills.
- Knowledge of basic electrical and pneumatic requirements and functions.
- Knowledge of thermal and fluids systems and HVAC familiarity preferred.



- Knowledge of industrial bakery equipment preferred.
- Strong interpersonal and customer service skills.
- Good written and verbal communication skills.
- Ability to deal effectively with stressful situations.
- Problem solving skills.
- Ability to effectively manage projects.
- Strong attention to details.
- Good organizational and documentation skills.
- Ability to work well with others; team player.
- Ability to handle multiple, concurrent projects and tasks.
- Be able to travel internationally and domestically.

Physical Demands/Working Conditions:

Work is performed in the office and on the shop floor and requires frequent use of the phone and computer. High attention to detail is required. Travel may be required.

Compensation & Benefits Disclosure:

Moline Machinery values fair, transparent, and competitive compensation, considering each candidate's unique skills and experiences. The estimated base pay range for this role is \$60,000 to \$80,000 with offers typically not made at the maximum, allowing for future salary increases. The actual salary at the time of offer depends on business related factors like skills, experience, training/education, business needs, current associate pay, and relevant employment laws. Individuals will be eligible after 90 days for the Moline Machinery Incentive Plan, providing an opportunity to annually earn up to 13% of the base compensation for each calendar year.

Company sponsored benefit programs include Health Plan, HSA, Dental Plan and Employee Assistance Program. Other benefits include firm-sponsored basic life and short and long-term disability coverage, a 401(k) savings plan, generous and flexible time off, and eight paid holidays, Voluntary benefit offerings include accident insurance, dependent care FSA and supplemental life/AD&D. Eligibility for all benefits programs is dependent on annual hours expectation, position status/level and location.