



## **JOB DESCRIPTION**

### **Project Engineer II**

FLSA Status: Exempt (Professional)

Engineering Department

Reports To: Project Engineering Manager

Direct Reports: None

### **JOB SUMMARY**

Designs and develops industrial baking equipment and components of a varied complexity level. Acts in a project lead role for assigned projects. 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. Participates in installations of equipment at customer sites. Performs test product runs and testing of the machine. Trains the customer on machine operation, maintenance and sanitation.

### **JOB DUTIES AND RESPONSIBILITIES**

- Receives an order from a customer (issue drawing, sales order or job sheet).
- Clarifies customer design and process requirements and designs industrial baking equipment and components that are of a varied complexity level. Includes make-up, frying, proofing, cutters and sheeting equipment.
- Responds to customer inquiries for bakery equipment. Determines what the production requirements are, researches equipment information, part numbers, etc.; provides quotes to customers
- Contacts vendors as needed with questions regarding capabilities of the equipment.
- Develops a layout of the design utilizing AutoCAD/Inventor. May develop new or revise existing designs.
- Prepares drawings and forwards them to Drafting for detailing; may also do the drafting.
- Receive drafting information and prepares bill of materials. Forwards information to Production to release it to Manufacturing.
- Works with the engineers and manufacturing to set up test lines in the test bakery.
- Obtains product ingredients, shapes, weights, etc. from customer.
- Prepares customer product and conducts pre-tests with the equipment and product, makes adjustments as needed; conducts test with the customer.
- Works with the engineers and conducts research and tests new equipment.
- Performs product runs and testing of the machine, including testing prior to shipment.
- Makes revisions as needed.
- Answers questions and follows job through the shop and assembly.

- Photographs equipment at time of shipment. Documents the equipment created and all related information.
- Documents the equipment created and all project related information.
- Trains the machine operators on how to run the machine, sanitation and maintenance.
- Acts as lead for various projects; clarifies questions on customer specifications and requirements, coordinates various jobs and some of the 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.

## **JOB CREDENTIALS, EXPERIENCE AND SKILLS REQUIRED**

- Bachelor's degree in mechanical engineering.
- Possess, or be able to obtain, Professional Engineer license in the state of Minnesota.
- 0–5 years work related experience in mechanical design engineering.
- Knowledge of AutoCAD 2024, Inventor, internet, Microsoft applications (Word, Excel and Outlook) and the ability to learn new software.
- Knowledge of basic electrical requirements, PLC and functions.
- 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.
- Completion of AIB course to achieve Certified Baker credentials.

## **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.

The job description does not constitute a written or implied contract of employment. Moline Machinery reserves the right to revise or change job duties and responsibilities as the need arises.