



Job Description – Mechanical Designer

Job Title:	Mechanical Designer	Level:	
Department/Group:	Engineering	Job Category/EEO-6:	
Location:	Franksville, WI	Position Type:	Full Time
Salary Range:	\$48,256-\$60,403	FLSA Status:	Exempt

Job Description

SUMMARY: Under the direction of the Design Group Lead and Director of Engineering, the designer performs tasks including (but not limited to) generating complete mechanical designs of skidded process systems, shop fabrication drawings and sub-system components using CAD system, creating and maintaining drawings, bills of material.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

- Efficiently prepare original layout, assembly, schematic, detail and proposal drawings using CAD techniques.
- Generate original designs and simple design calculations, working with supervision as required.
- Produce drawings to current department standards within schedule and cost (hours) goals
- Check the work of supporting detailing efforts to ensure accuracy to applicable criteria.
- Revise engineering documents to the current department standards.
- Create and maintain bills of materials
- Utilize proprietary software as well as other engineering skills and knowledge to assure that work product meets design criterion and operating conditions.
- Ability to interface effectively with other departments, including service, manufacturing, sales and marketing.
- Perform other duties as required, including estimating and oversight of shop fabrication of systems and components.

QUALIFICATIONS:

- Two to five years of direct experience in design. Preference would be given to a candidate with experience in the Food & Beverage industry, sanitary components and/or piping.
- Proficient in AutoCAD and 3D drafting. Experience in Inventor a plus.
- Understanding of how design impacts manufacturing processes, machining and production routing.
- The ability to read and interpret piping and instrumentation drawings. Experience with process control mechanisms and instrumentation beneficial.
- Proficiency with PC and Windows Operating system, Microsoft Office Suite. Experience with ERP and CRM software beneficial.



Job Description – Mechanical Designer

LANGUAGE SKILLS: Good grammar and diction. Ability to read and comprehend simple instructions, short correspondence, and memos. Ability to write simple correspondence. Ability to effectively present information in one-on-one and small group situations to other employees of the organization.

EDUCATION and/or EXPERIENCE:

- Associate’s degree in mechanical drafting or similar field of study

MATHEMATICAL SKILLS: Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent.

REASONING ABILITY: Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

Additional reasoning ability: None

PHYSICAL DEMANDS:

While performing the duties of this job, the employee is regularly required to sit; use hands to finger, handle, or feel; and talk or hear. Specific vision abilities required by this job include close vision, distance vision, and ability to adjust focus.

Additional Physical Demands: None

WORK ENVIRONMENT The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The work environment is a professional office environment where a conservative business dress code is in effect. The noise level in the work environment is usually moderate.

Reviewed By:		Date:	Click here to enter a date.
Approved By:		Date:	Click here to enter a date.
Last Updated By:	JLL	Date:	04/07/17