

Mechanical Design Engineer US Operations

Location: Blackhawk Rd. Rockford, IL
Department: Engineering – On Highway
Reporting To: Aaron Sullivan
Hours: 7:30am - 4pm

JOB DESCRIPTION:

The Mechanical Design Engineer designs, develops or redesigns new or existing company products. Works from requirements or instructions to design and develop new components or redesign existing components to improve company products. Determines and establishes specifications through engineering calculations and layouts. May oversee assembly and tests of engineering prototypes. Communicates with vendors to obtain information and assistance.

ESSENTIAL FUNCTIONS:

- Responsible for identifying special characteristics in the design of products.
- Reviews customer source control drawings, specification control drawings and other applicable specifications to determine requirements and/or feasibility of product.
- Perform preliminary and advanced work in development of working layouts and final master drawings adequate for detailing parts and units of design for new proposals and current designs.
- Participates in engineering and general design reviews as required.
- Assists with the preparation of proposal documentation, technical data such as qualification test procedures, reports, component maintenance manuals, etc.
- Performs liaison function between Engineering staff and all internal departments, including Purchasing, Quality Assurance, Sales, Production, Accounting, Metal Finishing and Assembly.
- Interacts with vendors and customers on engineering design issues.
- Checks design work of other engineering department members including layout, form, fit, function, materials, specification callouts, geometrics, dimensioning, and other out-put as directed.
- Keeps Engineering Supervisor advised of work status, workload, problems, and progress related to work assignments.

EDUCATION AND/OR EXPERIENCE:

- Bachelor's degree in Engineering and a minimum of 5-10 years of experience within Automotive/Aerospace manufacturing environment or any equivalent combination of training and experience.
- Experienced in designing injection molded and sheet metal fabricated components.
- Knowledgeable of heat transfer and air handling design.
- Experienced and knowledgeable with Pro Engineer application.
- Automotive or Commercial Vehicle HVAC systems experience preferred.
- Mechanical plastic and injection design experience.

PAY AND BENEFITS:

- The budgeted range for this role is \$85,000.00 USD - \$110,000.00 USD per year. The salary range provided is a good faith estimate representative of the desired level of experience for the position. Bergstrom Inc. considers several factors when extending an offer, including but not limited to, the role, function and associated responsibilities, a candidate's work experience, education/training, and key skills.
- Hired applicants may be eligible for benefits, including but not limited to, Bergstrom's discretionary incentive, medical, dental, vision, life insurance, short-term disability, long-term disability, 401(k) match, flexible spending accounts, employee assistance program, tuition reimbursement, paid time off and holidays.

TO APPLY:

If you would like to be considered and meet all the position requirements, please [email](#) your resume and cover letter to Andrew Hall in Human Resources.

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