



Office Job Posting

Position Available: Engineer I
Location: Holland, MI
Department: Landing Gear R & D
Business Unit: Trailer Systems
Hours: 8:00 a.m. – 5:00 p.m. or Approved Alternative Work Schedule
Reports to: R & D Landing Gear Manager

Qualifications Required:

- Qualification 1: Bachelor's Degree (or foreign equivalent) in Engineering (B.S.) from a four-year college or university.
- Qualification 2: One to three years related experience.
- Qualification 3: Knowledge of strength of materials calculations and manufacturing processes. Ability to communicate ideas and design concepts to both technical and non-technical personnel; knowledge of basic production methods, tooling concepts and solid modeling. Working knowledge of MS Office for documents, spreadsheets and presentations.
- Qualification 4: Ability to read, analyze, and interpret common scientific and technical journals, financial reports, and other engineering related documents. Ability to respond to common inquiries or complaints from internal or external customers. Ability to effectively present design engineering information.
- Qualification 5: Must have the capability to apply principles of modern algebra, plane or solid geometry and trigonometry to both physical & theoretical design problems. Able to apply and interpret advanced mathematical concepts involving interpolation & curve fitting, calculus, differential equations and statistics.
- Qualification 6: Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.
- Qualification 7: Prefer the following: working knowledge of SolidWorks Simulation or Ansys Finite Element Analysis software, knowledge of Failure Mode and Effects Analysis techniques, fluency in German and/or Mandarin, ability to undertake assignments in other countries for international experience. Also prefer experience with SolidWorks 3D CAD software.

Summary of Job Duties:

Responsible for learning the applications and design specifications associated with specific products under limited supervision. Contributes to the engineering process, as assigned, in support of new or existing company products. Capable of conducting technical studies, performing routine engineering calculations, utilizing engineering software tools, interpreting standards and customer requirements. Evaluates and recommends disposition of Deviations, Engineering Change Notices and supports product testing requirements.

- Under limited Engineering supervision, performs required engineering functions to successfully provide products that meet cost, function, safety, weight, and aesthetic criteria. Reviews requests for product changes, makes recommendations for disposition & coordinates release of ECNs or Deviations in a timely manner.
- Individually, or as member of a project team, contributes to the engineering design, development and/or support of new or existing company products with a focus on improving component life, optimizing weight & cost and reducing the number of physical prototypes.
- Responsible for coordinating accurate & complete product documentation.
- Authors test requests and provides engineering liaison to T&A as needed.
- May be assigned engineering project documentation or complex technical tasks in support of specific department objectives based upon company needs and/or employee interest.

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- May direct work of Designers in support of assigned project team.
- Participates in and/or completes appropriate training.
- Other duties may be assigned.

Travel Requirements: For the first 9 months, will be required to train in Warrenton, MO. After that, up to 10% travel will be required, including international travel.

Relocation: No benefits available

Resumes may be submitted by email to husaresumes@safholland.com, or faxed **confidentially to 616-546-6813**. By mail: Rachelle Warrick, HR Manager, SAF-HOLLAND, at 467 Ottawa Avenue, Holland, MI 49423.

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