



JOB DESCRIPTION

Job Title	Junior Engineer/Designer
Department	Engineering
Reports to	Manager Engineering/Project Lead
Date Issued	March 16, 2023

Position Purpose

This position is to support the production schedule with complete engineered drawings in a timely fashion.

Accountabilities

- Follow all company policies and procedures
- Maintain safety standards/policy and housekeeping at all times
- Work with sales staff to promote pro-active customer service
- To learn and work within established model, drawing, BOM and other engineering and company conventions to improve consistency, maintain quality and reduce costs.
- Provide accurate 3D drawings and designs to the required departments in a timely and efficient manner.
- Maintain up to date engineering practices, procedure, files, documentation and databases.
- Interact internally and externally to maintain and improve the way we do things.
- Provide engineering support through all phases of the cycle.
- Assist where necessary in proposal writing and cost estimating for options or new projects.
- Assist in the creation and maintenance of sales materials, exhibits and promotional materials.
- Perform other duties as requested by Manager/Project Lead
- Participate in developing your Professional Accreditation

Deliverables

- Utilize full potential of design software and support any improvements that can improve and/or automate the design process.
- Participate in training to improve work related skills.
- Look for and propose potential quality or productivity enhancements.
- Be aware of departmental objectives and provide regular support in achieving these objectives.
- Embrace the company vision and always make decisions to get us closer to this vision.
- Develop familiarity with transportation industry standards and the pertinent provincial and federal regulations as it pertains the design of trailers.
- Become familiar with competitor's products and bring forward potential design improvements regularly.

Position Criteria



- Proficient in Solid Works, Inventor/AutoCAD, Microsoft Office products
- A minimum of 1 years' experience with 2D and 3D Inventor / CAD, Solid Works programs.
- Understanding of the manufacturing process and what it takes for BWS to be successful.
- Creative design tendencies with a drive to make things better by solving problems and challenging the status quo.
- Able to work under minimal supervision while ensuring production, management and other related personnel are aware of the project timelines and the impact on current and future designs.
- Bachelor of Engineering Degree, Diploma in Technology or equivalent work experience.

Supervision

This position has no supervisory responsibility

Disclaimer

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed, as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.

Incumbent's signature _____ Date _____

Supervisor's signature _____ Date _____

Approved by:		<i>Date:</i>	
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