

Design Drafter

Design Drafter responsibilities will include gathering drawings and specifications, calculating material and equipment requirements and setting up production methods. If you have hands-on experience with computer-aided design (CAD) software and are familiar with building processes, then we are looking for you to join the Spectrum team!

Your Daily Duties and Responsibilities will Include:

- Use Solidworks to create concept models, design and detail drawings from those models.
- Design and drafting of custom and standard products utilizing the companies defined drafting standards.
- Limited interaction with customers regarding custom product orders to ensure product accuracy.
- Liaise with architects and engineers to gather product and structural requirements and designs
- Calculate dimensions, weight limitations and requirements in materials
- Describe production methods step-by-step (including equipment and software types to be used)
- Create detailed designs with computer-aided design (CAD) software
- Design diagrams, maps and layouts to illustrate workflow
- Prepare and review rough sketches and review them along with the engineering team
- Identify potential operational issues and redesign products to improve functionality
- Ensure final designs comply with regulations and quality standards
- Create manuals that describe existing products' operation, features and maintenance
- Creation and maintenance of build books for standard catalog items.
- Review of drawings and design created by peers to ensure accuracy and completeness.
- Generation and review of Bills of Material for completeness and accuracy.
- Support sales staff regarding product specifications and design.
- Assist engineering with the design and development of new products and the improvement of existing products.
- Other duties may be assigned by the Supervisor or Manager

Perks & Benefits

- Casual work environment (including attire!) with a fun company culture.
- Regular Monday – Friday hours.
- Regular employee events during work like BBQs, popcorn in the afternoons (yes, we have a popcorn machine), pizza days, birthday celebrations, and more!
- Management has an open-door policy.
- We embrace constant improvement and strive to always find a better, faster way to do things.
- Awesome health benefits (and we help you pay for most of them) –
 - Health insurance
 - Dental insurance
 - Vision insurance (employee paid)

- Short term disability
- Long term disability (employee paid)
- Life insurance
- Flexible spending accounting (employee paid)
- Dependent care spending account (employee paid)
- 401k match of up to 4% with immediate vesting.
- Employee discounts on Verizon and Sprint cell phone plans.