



Date: 5 Aug-19

Job Title: Product Design Technologist

Direct Supervisor: Production Engineer

Place of Duty: Fergus

Resources: E2, CGC Server, Composer, SolidWorks/AutoCad, TruTop software. CGC Engineering staff at Mississauga and at Factory, Supplier's and Vender's technical support

Role and Responsibilities:

The primary responsibilities of the Product Design Technologist will be to provide product design support for Application Engineering and Inside Sales and the Product Engineer. Working under the Production Engineer and closely with Sales and Marketing, VP of Engineering and Production Engineering this role ensures integrity of product application and design from concept to prototype.

This person will:

- Liaise between Application Engineering, Sales, and marketing providing vital Engineering support at all stages of the Sales cycle.
- Create prototype designs for custom application requirements, shop drawings, wiring diagrams, technical product data and manuals etc.,
- Create Solidworks models of all Sales Prototype requirements, create Trutop files and programs, and access drawing vaults and archives and ensure smooth turnover to Product Engineering.
- Work with Production Engineering to input Bills of Materials and maintain existing databases and Excel spread sheets that identify component requirements in equipment and creating new files and databases as required.
- Ensure product compliance with customer requirements in technical performance, proposed designs and in fit, form and function.
- Assistance on any matter from time to time as required

Reporting to the Production Engineer, this person will work closely with the Application Engineer and the VP of Engineering.

Qualifications:

Degree in Engineering or Technology Degree (Mechanical preferable)

4 years' experience in engineering similar products