



Position: Engineering Designer (Mechanical)

Employment Status: Full Time

Location: Toronto Area – Mississauga

Job Category: Mechanical Engineering

Industry: Commercial and Institutional HVAC

Experience: Minimum 2-3 years experience in Engineering Design (CAD)

Company Overview:

Temspec is an original equipment manufacturer (OEM) of heating and cooling equipment for the North American school and condo/resort markets. Temspec manufactures products with a high degree of customization and this growing company is in need of an Engineering Designer (Mechanical).

Reporting to the **Engineering Supervisor** and as a member of the engineering team, the Engineering Designer (Mechanical) works closely with the sales and production teams to review sales submittals to create mechanical schematics and drawings according to client requirements. He/she is responsible for creating drawings for sheet metal or mechanical components that will be used in the manufacturing of our HVAC units. The incumbent will act as the lead on multiple projects to ensure that all tasks are completed according to project timelines. He/she will anticipate and resolve any technical issues as they arise.

Primary Roles & Responsibilities:

- Using SolidWorks 3D, creates mechanical assembly and parts drawings for project files which include but not limited to sheet metal and piping designs
- Coordinate work with related disciplines. Interact with Designers, Engineers and operations to create high quality multi-discipline drawing packages for the production of HVAC units.
- Take responsibility for assigned portion of the project scope and schedule.
- Coordinates and monitors projects with the engineering and operations team to ensure continuity and avoid project delays while providing support and status updates
- Maintains expert level of product knowledge and applications to effectively provide technical support and advice
- Works closely with the procurement team to prepare bill of materials (BOM) using Visual Manufacturing while ensuring that required materials are ordered and received with appropriate lead times
- Actively participates in creating or improving on standardizing processes and procedures
- Maintains the database for parts and drawings
- Provision of timely technical support to production, sales & service departments
- Preparation of technical documentation in accordance with applicable codes and safety laws
- Participation in new product development
- Other duties as assigned



Qualifications:

- Bachelor's degree/diploma in mechanical engineering or equivalent
- Minimum 2-3 years in mechanical design using SolidWorks 3-D
- Familiarity with a shop floor manufacturing environment
- Working knowledge of applicable safety laws and HVAC related standards
- Proficiency in SolidWorks
- Strong computer skills in Microsoft Office Suite (Word, PowerPoint, Excel)
- Ability to make cost/quality/design selections and decisions
- Record keeping and file management skills
- Hands on approach to resolving technical issues