



**Position:** Engineering Designer – Mechanical  
**Employment Status:** Full Time  
**Location:** Toronto Area – Mississauga

**Job Category:** Mechanical Engineering  
**Industry:** Commercial and Institutional HVAC  
**Experience:** 2-3 years experience in Engineering Design (CAD) preferred

Temspec Inc. is an original equipment manufacturer (OEM) of heating and cooling equipment for the North American school and high-rise condominium / hotel markets. We are a family-owned business who prides itself on the quality of our products, our diverse company culture, and friendly, family-oriented atmosphere.

We build great relationships manufacturing customized, reliable, efficient HVAC solutions

Reporting to the Engineering Supervisor - Mechanical, the Engineering Designer – Mechanical works closely with sales and production to review submittals and to create mechanical schematics and drawings according to client requirements. They are responsible for creating drawings for sheet metal and other 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 and will anticipate and resolve any technical issues as they arise. They will work closely with the production, engineering, procurement, R&D and sales teams to ensure smooth acquisition of sheet metal and other materials for our HVAC units.

**Primary Roles & Responsibilities:**

- Using SolidWorks 3D, creates mechanical assembly and parts drawings for project files which include but is 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) to ensure that required materials are ordered and received with appropriate lead times
- Actively participates in creating or improving on standardized 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
- 2-3 years in mechanical design using SolidWorks 3-D preferred
- 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