



Position: Engineering Designer (Electrical/Mechanical)
Employment Status: Full Time
Location: Toronto Area – Mississauga

Job Category: Mechanical Engineering
Industry: Commercial and Institutional HVAC
Experience: Two to three years in a HVAC product manufacturing environment

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 (Electrical/Mechanical)

Reporting to the **Engineering Manager**, the Engineering Designer (Electrical/Mechanical) works closely with the sales, procurement and production teams, creates detailed bill of materials (work orders) using Visual Manufacturing. He/she is responsible for assigned portion of the project scope and schedule. 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:

- Takes 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
- Provides timely technical support to production, sales & service departments
- Actively participates in creating or improving on standardizing processes and procedures
- Maintains the database for parts and drawings
- Participates in cost reduction initiatives
- Prepares technical documentation in accordance with applicable codes and safety standards
- Coordinates work with related disciplines. Interacts with designers, engineers and operations to create high quality multi-discipline documents' packages for the production of HVAC units.
- Creates mechanical or electrical drawings which include but not limited to (piping, coil and riser, wiring, and control panel drawings) in SolidWorks and/or AutoCAD Electrical for project files
- Participates in new product development
- Participates in implementing Company goals
- Other duties as assigned



Qualifications:

- Bachelor degree/diploma in engineering
- Strong mechanical aptitude
- 2-3 years of HVAC experience
- Familiarity with a shop floor manufacturing environment
- Candidates with an equivalent mix of education and experience might be considered
- Strong computer skills and proficiency with an MRP (Visual Manufacturing) and Microsoft Office Suite (Word, PowerPoint, Excel)
- Knowledge of CAD software; particularly SolidWorks and AutoCAD Electrical
- Working knowledge of applicable safety laws and HVAC related standards
- Ability to make cost/quality/design selections and decisions
- Record keeping and file management skills
- Hands on approach to resolving technical issues