

**Job Description for  
Design Engineer/Technologist**

The Design Engineer/Technologist reports directly to the Engineering Manager.

**Responsibilities/Duties:**

(Responsibilities include, but are not limited to the following)

**Design and Development:**

- Mechanical and/or electrical system design and analysis.
- Assist with product development and design for contract requirements.
- Ensure design is in accordance with applicable codes.
- Prepare and review design documents, drawings and specifications.
- Produce layouts and design concepts.
- Provide technical input for various projects.
- Perform and check standard engineering calculations and detail design work.
- Initiate new design ideas.
- Prepare and participate in design reviews as required.
- Prepare Bill of Materials to accompany drawings.

**Project Management:**

- Ensure all schedules and deadlines are adhered to.
- Attend design and project meetings.
- Ensure all problems are addressed and resolved quickly and efficiently.
- Prepare reports and presentations for various projects.
- Assist with the preparation of proposals.
- Liaise with clients as required and document all activities.
- Ensure proper documentation of all work, products and relevant activities.

**Job Specification for  
Design Engineer/Technologist**

**Experience:**

- Bachelor of Mechanical/Electrical Engineering or Mechanical Technologist Diploma (or equivalent).
- Engineers able to achieve Professional Engineering status in Ontario.
- Five years relevant working experience.
- Experience 2D and 3D CAD software (preferably AutoCAD and Inventor).
- Able to read and interpret engineering drawings and specifications.
- Good technical knowledge of electro-mechanical systems.

- Experienced with DFMA principles.

**Characteristics:**

- Excellent ability to organize, prioritize and multi-task.
- Excellent oral and written communication skills
- Excellent interpersonal skills and ability to work as part of a team
- Excellent drafting (CAD) skills
- Able to work with minimal supervision
- Detail oriented
- Analytical and creative thinker
- Initiative
- Solid Judgment
- Strong problem solving skills

If your background is a match and you are interested in pursuing this challenging opportunity, please forward your resume in confidence to [mycareer@dewengineering.com](mailto:mycareer@dewengineering.com)