



## **Mechanical Engineer - 1 Year Contract**

We are looking for a creative and technically minded Mechanical Engineer to join our Calgary team for a 1 year contractual term. This role will work closely with a group of engineering professionals and will gain valuable hands-on engineering experience in a challenging and versatile engineering environment. The Mechanical Engineer will be responsible for the accurate and timely development of technical designs and drawings, supports regulatory requirements and projects, and collaborates with other operational teams for project delivery. The focus will be supporting the engineering group to complete projects within the one year contract term.

The successful candidate will enjoy a positive and stimulating work environment, collaboration with a diverse professional and highly skilled team, and enjoy a large bright and modern office space.

**Reports To:** Director of Engineering

### **Responsibilities and Duties**

#### Primary

- Design of chassis and housings for new products. Design will include materials such as plastics, metals (CRS, stainless steel) and vacuum molded resins
- Research/knowledge of Ingress Protection or Hazardous Certifications
- Customize existing product per order and customer specifications
- Integrate designs in CAD with internal, external components (i.e. printed circuit board assemblies, labels/tags, third party hardware, etc.
- Develop production assembly drawings from design files to meet internal ISO9001 specifications and/or regulatory requirements
- Support Enterprise Resource Planning (ERP) system with part number generation and bill of materials entry
- Support regulatory projects (new approvals and approval updates)
- Support the engineering change order, temporary deviation notice processes, and permanent and temporary product change processes

#### Secondary

- Design and support custom manufacturing assembly fixtures and jigs
- Supplier reviews and audits when necessary on molded and custom mechanical parts
- Support production training on assembly
- Support Quality with regards to product queries/non-conforming material verification
- Support Documentation with regards to drawings for manuals
- Other related duties as required

### **Qualifications and Skills**

- Bachelor's degree in Mechanical Engineering, APEGA registered (preferred)

- 3-5 years experience in mechanical design
- Solid understanding of industry standards
- 2D/3D CAD experience at intermediate level (SolidWorks/AutoCAD)
- Experience with plastics resins and design for molding is an asset
- Experience with ERP systems is an asset
- Sheet metal/weldments in cad design is an asset
- Professional communication skills both verbal and written
- Excellent problem-solving skills, ability to multi-task and prioritize
- Ability to be flexible, open and responsive to ongoing changes
- Team player that possesses the ability collaborate in a team setting and manage time independently

*Thank you for your interest in employment with Circa. We are an equal opportunity employer and consider applicants for all positions based on the most qualified and suitable candidate to ensure the success of our business.*

*All interested and qualified candidates are invited to submit their application to: [hr@circaent.com](mailto:hr@circaent.com) Attention: Amy Bullock*

*We thank all applicants in advance, however, we will only contact candidates selected for an interview.*