



Product Design Engineer

Employment Type	Full-Time
Job Location	North York
Workplace Type	On-Site
Reference	GU – PDE0726

Company Description

Global Furniture Group is leading the office furniture manufacturer industry. Dedicated to designing and delivering high-quality furniture solutions for workplaces across North America. Global values a collaborative culture values, teamwork, integrity and continuous improvement, offering employees opportunities for growth in a dynamic and supportive workplace.

Role and Responsibilities

The Product Design Engineer uses his technical expertise to provide effective engineering solutions to new product concepts outlined by Marketing and Industrial Design. The Product Design Engineer is responsible for development and engineering of new products, ensuring they meet the design intent, cost targets and comply with industry test and safety standards. In a concurrent development environment, the Product Design Engineer works closely with members of other disciplines to ensure that projects objectives and schedules are met.

- Provide sound, innovative and robust engineering solutions to new product concepts.
- Evolve initial design concept through a systematic process of modeling, prototyping, testing to optimize function, appearance, manufacturability and cost of new parts and assemblies
- Document designs by creating accurate 3D CAD models in SolidWorks.
- Prepare accurate and detailed parts and assembly layouts, drawings and other specifications using SolidWorks and common database; documentation to comply with internal and external standards for technical documentation and ECR/ECO process.
- Cooperate closely with Product Management and Industrial Design Departments to ensure developed products address market needs and customer expectations.
- Work effectively in cross-disciplinary Project Teams to collectively solve product issues (product function, cost, manufacturability, technical application /compatibility, testing, installation, etc.).
- Validate design of products through R&D testing to BIFMA, CGSB, UL CSA and other applicable standards.
- With assistance from the Prototype Shop fabricate prototypes as required for the design validation, testing and other pre-launch product presentations (Photoshoot, Neocon, etc.).
- Provide preliminary product cost estimates to validate feasibility of cost targets early during development.
- Liaise with 3rd party suppliers to source components or fabrication solutions, obtain quotes for parts and tooling.

- Support New Product Manufacturing and Plant Engineering Groups with technical documentation, data and other project related information as required to effectively launch products.
- Provide engineering support to other departments in the organization as required (troubleshoot production quality issues, recommend corrective actions, product application recommendations, product cost reduction initiatives).
- Keep current on industry trends and standards, emerging new technologies in manufacturing and materials engineering sectors, environmental and sustainable design issues.

Qualifications and Core Competencies

- University degree in Mechanical Engineering.
- 5-8 years engineering experience in product design and manufacturing environment in consumer goods is preferred.
- Current P.Eng. license or eligible for membership in PEO is an asset
- Demonstrated knowledge and experience designing with variety of manufacturing processes and materials (ie sheet metal, plastic, wood).
- Hands-on adaptable approach to project work.
- Hands-on experience with prototyping and product testing.
- Strong 3D modeling and detail design in SolidWorks, minimum 3 years.
- Enthusiastic team player with outstanding organizational and interpersonal skills.
- Excellent written and verbal communication skills at all levels.
- Excellent project and time management skills, able to handle multiple projects.
- Self-motivated, able to multi-task.
- Ability to work in dynamic, diverse, multidisciplinary team environment.
- Ability to travel locally.

How To Apply

To apply for this position, please send your resume by email to:

HRCanada@globalfurnituregroup.com quoting reference code: **GU – PDE0726**

We thank all candidates for their interest, however, only those selected for an interview will be contacted. Valuing diversity, equity and inclusion in the workplace and supporting the principles of Canada's Employment Equity Act. Global Furniture Group values employment equity and is an equal opportunity employer. We will accommodate the needs of applicants with disabilities during the recruitment process. Those requiring accommodation should advise Human Resources and Global will provide suitable accommodation in a manner that considers the applicant's accessibility needs due to disability. Global Furniture Group offers a competitive salary, benefits package and opportunities for professional growth and development. If you're ready to join a team that is committed to delivering the best products and services to our customers, please apply now.