



## PRODUCT DESIGNER

### **PURPOSE:**

To create new and revise existing product designs for production, as well as, suppliers.

### **REPORTS TO:**

Engineering Manager

### **KEY RESPONSIBILITIES:**

- Work in compliance with the provisions of the Occupational Health and Safety Act (or the “Act”) and the regulations; use or wear the equipment, protective devices or clothing that Mott requires to be used or worn; report the absence or defect in any equipment or protective device of which the worker is aware and which may endanger themselves or another worker; and report any contravention of the Act or the regulations or the existence of any hazard of which the worker is aware
- Produce and revise engineering drawings accurately using Solidworks and AutoCAD
- Follow up with special items
- Create CAM files for numerous CNC machines
- Troubleshoot and resolve design issues
- Support the resolution of technical issues from production including: tool and machine limitations, welding limitations, excessive procedures, drawing accuracies and standardization
- Populate Mott order system with designs of catalogue items
- Maintain accuracy of bill of material (BOM) items within the Mott system
- Plan and organize assemblies, weldments, subassemblies, and parts within the BOM
- Resolve order conflicts including: BOM inaccuracies, design to catalogue number conflicts, description inaccuracies, and improperly updated designs
- Participate in continuous improvement projects by fully utilizing Mott’s design software and by communicating any order system, catalogue and process opportunities for improvement
- Communicate with both internal and external personnel including: Engineering Manager, Engineering Project Coordinator, Manufacturing Technician, other Product Designers, Sales and Project Coordinators, IT, plant employees, and customers

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QUALITY BY DESIGN



- Provide back up to other Product Designers including those that may design for different departments
- Perform other duties as required

**SKILLS & EXPERIENCE:**

- Degree or Diploma in Mechanical Engineering
- Minimum of 1 year experience in a design or engineering role (including co-op placements)
- Previous mechanical experience
- Intermediate computer skills including MS Office
- Skilled in CAD software including AutoCAD and Solidworks
- Strong troubleshooting skills
- Understanding of bend allowances and sheet metal is an asset
- Intermediate math skills including geometry
- Attention to detail is critical
- Ability to work in a fast paced environment
- Strong organizational skills
- Strong problem solving skills
- Quality oriented
- Intermediate verbal and written communication skills
- Ability to effectively multi-task
- Ability to work under pressure
- Familiarity with ISO quality standard

The above are not intended to be an all-inclusive list of the duties, responsibilities and requirements of the job described. Rather, they are intended to describe the general nature of the job.

Mott is committed to providing accommodations to those individuals with disabilities throughout the recruitment process. Upon request, we will work together to meet any of your accommodation needs.

Please email your resume to [jointheteam@mott.ca](mailto:jointheteam@mott.ca), or drop off in person to 452 Hardy Road, Brantford, ON, N3T 5L8. Thank you for your interest in Mott.

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