



CleanRiver, a division of Midpoint International Inc., is a rapidly growing North American leader in the design, manufacture and program development of solutions for collecting, and managing recyclables and waste. Our customizable container systems are manufactured using 98% recycled plastic and we are proud to supply an A-List Clientele. Currently we are looking for an experienced Intermediate CAD Design Technologist. We offer competitive compensation and benefits with an opportunity for advancement in both skills and knowledge in a flexible lean manufacturing environment.

INTERMEDIATE CAD DESIGN TECHNOLOGIST

Salary (\$50k - \$65k range)

Based in Aurora and reporting to the Plant Manager, the Intermediate CAD Design Technologist position is responsible for the design and CAD drafting of existing products and will help manage aspects of the companies design projects – mainly modifications to standard products. As well as being responsible for Engineering documentation process and process improvements.

Key Responsibilities:

- Produces aspects of mechanical designs and drawings in SolidWorks.
- Organizes and maintains hard copy design files and a 3D-CAD digital file databases for all projects.
- Creates and manages design projects, ensuring appropriate workflow is achieved and projects are completed on time.
- Produces detailed product rendering designs and engineering calculations by revising existing designs and takes them to working manufacturing drawings and models in order to move design projects to production while ensuring compatibility with CNC programs and manufacturing processes.
- Undertakes LEED compliance templates for applicable projects.
- Facilitates and ensures quality of design for drawings and graphic work produced.
- Ensures that the projects' needs are met in terms of project schedules and budgets.
- Analyzes costs of production and materials and provides costing information to Operations team.
- Assists with prototype development and manages project timelines and schedules to align with completion targets while maintaining strict confidentiality.
- Maintains an excellent rapport with all customers, production staff and suppliers to ensure company image is maintained.
- Working with sales, ascertains customers' needs and prepares renderings, approval drawings and specifications required to prepare proposals/estimates.
- May attend sales calls as required.
- Completes Design for Manufacturing & Assembly (DFMA) and Failure Mode & Effects Analysis (FMEA) as required on design projects.

Please note this position does not require a P. Eng designation.



The successful candidate must be a top performer and must demonstrate the following:

- Post-secondary degree/diploma in Mechanical Engineering or Mechanical Design using 3D CAD software (SolidWorks)
- A minimum of 5-7 years experience in a similar role with 3D CAD Software
- Experience within a small organization with a heavy focus on design and manufacturing processes
- Working knowledge of mechanical design using a variety of materials that may include high density poly-ethylene (Plastics), steel, stainless steel, aluminum and wood
- Advanced knowledge of BOM creation, process costing, CAD library maintenance, engineering changes, DFMA – Design for Manufacturing & Assembly, root cause analysis, make-to-order business processes as well as Project Management software, Microsoft Office, Internet Explorer and Outlook
- Strong understanding of materials and manufacturing processes as they impact design
- Aptitude for numbers with a high accuracy rate in mathematical calculations
- **Excellent interpersonal and communication skills to deal with all contacts**
- **Detail oriented** and excellent organizational and multi-tasking skills
- Ability to work efficiently and effectively under pressure with simultaneous deadlines
- **Self-motivated and self-directed with an ability to work independently**

Desirable:

- CET (Certified Engineering Technologist)

If you are interested in joining a growing company that invests in the personal and professional development of their employees, please forward your resume to:

E-mail: hireright@hrpar.ca

Subject: Intermediate CAD Design Technologist

We thank you for your interest in our position! Only those applicants that respond to our pre-qualifying questionnaire and who are selected for interviews will be contacted.