

About Conviron

Conviron is recognized as the leading global manufacturer of plant growth chambers and rooms. Our controlled environment technology uniquely equips researchers and growers with solutions to meet global demands for plant-based food and health products. Our projects range from small single-chamber installations to large scale, multi-room facilities in some of the most prestigious corporate, university and research institutions in over 90 countries around the world.

Conviron is part of the CEL Group of Companies (CEL). The CEL Group of Companies (CEL) comprises Conviron Canada, Conviron USA, Conviron Europe and Conviron Australia - together forming the world's leading designer and supplier of controlled environments for plant growth. CEL is proud to be part of Madison Air, a Madison Industries company. Madison Industries is one of the largest and most successful privately held companies in the world.

We are an entrepreneurial organization built on the expertise of our people and are committed to attracting and retaining employees who are curious and learning orientated to ensure we meet the ever-evolving needs of our clients. Our employees enjoy competitive salaries, benefits and reward programs, within an engaging and collaborative work environment. Conviron recognizes that our continued success is dependent on the growth of our people, and therefore encourages and supports employees' continual development.

Mechanical EIT/Engineer/Designer (20-Month Term)

REPORTING TO: Engineering, Team Lead

POSITION SUMMARY

We are seeking a skilled and innovative Mechanical Engineer to join our dynamic team. The ideal candidate will collaborate with Design Engineering peers and contribute to design review, cross-functional teams during special projects, and Test Engineering to establish test plans and define test protocols. This is an on-site role that requires a strong foundation in engineering principles, along with proficiency in various design and programming tools.

RESPONSIBILITIES

- Translate project requirements into engineering specifications.
- Design, specify, test, and validate components/products to ensure they meet project requirements while maintaining compliance with applicable codes and regulations.
- Conduct formal engineering risk assessments when appropriate and make recommendations.

- Conduct troubleshooting and root cause analysis when necessary.
- Estimate cost and time required to complete various design activities.
- Provide engineering support to Sales, Quality Assurance, Production, Purchasing, Installation, and Service.
- Create and maintain engineering documentation in accordance with industry standards that facilitates purchasing, manufacturing, installation, and use of Conviron equipment. This includes bill of materials, drawings, schematics, and CAD models.
- Create and maintain department policies, procedures, and work instructions to enhance productivity.
- Address non-conformances and respond to corrective actions in a timely fashion.
- Respect and protect all propriety information generated at Conviron.
- Other responsibilities and duties as assigned.

DESIRED QUALIFICATIONS, EXPERIENCE, AND EDUCATION

- B.Sc. degree in Mechanical or Biosystems Engineering, or a Diploma in Mechanical Engineering Technology.
- A minimum of five years experience in Mechanical Design.
- Ability to read, interpret, and draft technical drawings and blueprints.
- Proficiency in 3D modeling (SolidWorks experience is an asset).
- Demonstrated design experience with HVAC/Refrigeration systems.
- Professional Engineer (PEng) is an asset.
- Must be legally eligible to work in Canada.

DIVERSITY & INCUSION COMMITMENT:

We are committed to creating a diverse and inclusive environment. At Conviron, our unwavering commitment is to foster an inclusive and diverse workplace that reflects our global community. We firmly believe that diversity is our greatest strength and cornerstone of our corporate culture. We strive to create an environment where every employee, regardless of their background, identity, or beliefs, feels valued, respected, and empowered to contribute their unique perspectives and talents. We recognize that by celebrating our differences and ensuring equitable opportunities for all, we can unlock the full potential of our teams, driving innovation and growth while making a positive impact on the world. Together, we are dedicated to creating a workplace where every voice is heard, and every individual can thrive, thus making our company and our world a safer, healthier and more productive place.

Persons with disabilities who anticipate needing accommodation can contact hr@conviron.com in confidence. Reasonable accommodation can and will be provided at all stages of the application process and once hired.

ADDITIONAL DETAILS

- Job Type: Full-time, Term
- Duration: 20 months
- Location: Winnipeg, MB (On-site)
- Schedule: 7.5-hour shift, Monday to Friday
- Compensation: Successful candidate will be remunerated based on their skills and experience.
- Opening Date: January 28, 2025
- Closing Date: Once a suitable candidate is selected.

How To Apply

Please include Mechanical Engineer in your subject line. Applicants should submit a resume for consideration to: hr@conviron.com

ATTN: Human Resources
Convion
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