



Position: Mechanical Product Designer

Company Description

Transom is a leading manufacturer of large high temperature heat pumps for the commercial and industrial Canadian and US markets. Our air source high temperature heat pumps are designed for the rapidly expanding electrification HVAC market. In addition, we manufacture CO2 heat pumps for the domestic hot water market. Transom is investing heavily in its growth, expanding our production facilities, including climate chambers for development and testing of new products. Transom Corporation is a subsidiary of Mestek Inc.

Location Barrie, ON

The Opportunity

Transom is developing a strong line of new products for the market which requires substantial design input. To do this we are expanding our design and development team, which requires a Mechanical Product Designer. The position will allow the candidate to be an integral part of the core development team. All design, research and development is done in-house. Being part of the design team will allow you a unique opportunity to work on and take ownership of many aspects of the development of the machines.

Position Description

- Develop new product designs based on in-house testing.
- Setting up various scenarios and layouts by creating machine models and components.
- Generate applicable calculations, drawings and bills of materials for equipment.
- Sourcing, reviewing and purchasing components for applicable assemblies.
- Work with operations personnel to gain feedback for product development and refinement.
- Analyze for compliance with applicable standards.
- Preparing technical documents.
- Preparing procedures, performing and evaluating tests of components and final assemblies.
- Prepare test reports and recommendations.
- Work with sub-vendors to finalize components.
- Evaluate the design in the final product format and functionality.
- Support production and sales.

Experience

5+ years experience with mechanical product design and development
Experience with testing and field troubleshooting
Experience with any HVAC equipment is beneficial
Previous work on Solidworks 3D software is beneficial

Education

Engineering Degree or Engineering Technician/Technologist Diploma

Hours: Mon-Thurs 7:30 am – 5 pm, Fri 7:30 am – 11:30 am

Permanent, full time position

- Voluntary enrollment in Group health and dental benefits package after 3 month probation
- Voluntary RESP/RPP with company matching up to 5% after 1 year employment

Transom, a Mestek Inc. company, is committed to providing a safe working environment for our employees, vendors and customers and as such has implemented a COVID-19 Vaccination Procedure. This procedure includes mandating full vaccination amongst staff in and within the limits of the Ontario Human Rights Code. All new employees will be subject to the COVID-19 Vaccination Procedure as a condition of their employment.

We would like to thank all candidates for their interest in this opportunity. Due to the volume of resumes we receive; we are only able to respond directly to those candidates being selected for an interview.