



## PTI Transformers LP

Registered Office & Plant:

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## Jr. Mechanical Designer

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*PTI Transformers LP is a leading innovator of transformer technology with expertise in design, manufacture, delivery and servicing of medium and large power transformers using innovative, sustainable and custom-built solutions that bring value and quality to our customers.*

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### Role:

*Reporting to the Mechanical Engineering Manager, Mechanical Engineering Department, the Jr. Mechanical Designer is responsible to convert customer and engineering requirements into cost effective, manufacturable designs, using modeling software, under supervision and guidance of other designers.*

### Role Responsibilities:

- Read, analyse and interpret customer specifications
- Learn the fundamentals in transformer design and manufacturing methods and apply this knowledge to the mechanical designs for the transformers
- Draft engineering drawings for both parts and assemblies on Creo Parametric (3D CAD software)
- Edit and designing parts of the transformer model (Creo Parametric) as assigned
- Perform alterations to models and drawings due to changes made to initial designs (REIs – Revised engineering instructions)
- Use SAP (ERP software) to index transformer parts for ordering
- Interpret engineering data and inputting into mechanical design spreadsheets and calculations as required
- Update and upload drawings using PTI's document manager (Workflow)
- Identify areas for improvements in manufacturing processes, efficiencies, operational capacity and ISO standards
- Comply with the Manitoba Workplace Health and Safety regulations
- Take reasonable care to protect oneself and others who may be affected by their actions or omissions
- Use all devices, clothing and personal protective equipment designated by PTI and by the regulations
- Co-operate with any other person exercising a duty imposed by the Workplace Safety and Health Act or the regulations
- Performing according to company's certified ISO standards

### Job Requirements:

- Diploma in Mechanical Engineering Technology from an accredited post-secondary institution is required
- CTTAM designation would be an asset
- Knowledge in 3D Modelling Software is required (e.g., Unigraphics, Inventor, Solid Works, Solid Edge, CREO, 3D CAD)
- Engineering design experience in a manufacturing industry would be an asset
- Basic understanding of manufacturing processes would be an asset
- Computer literacy (MS Suite and AutoCAD)

PTI Transformers LP is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. PTI Transformers takes seriously its obligations under the applicable provincial legislation and will provide accommodations to job applicants needing assistance.

**Applicants must be willing to complete a background check and reference check Only those selected for the next steps will be contacted.**

### Here's a sample of the many benefits PTI Transformers employees enjoy:

Comprehensive, Employer Paid Flexible Benefits including Health and Dental, Health Care Spending Accounts • Short-Term and Long-Term Disability • Pension Plan • Disability • Life Insurance • Company Pension Plan • Optional Group RRSP or TFSA • Employee Assistance Program • Free on-site parking • Employee appreciation events •

To apply: please send Your resume to [mb.hr@ptitransformers.com](mailto:mb.hr@ptitransformers.com). Subject line Attention: **Jaqueline Araujo, HR Generalist- Jr. Mechanical Designer**