



Mechanical Designer 2

THE OPPORTUNITY AWAITS YOU

As the Mechanical Designer 2, you will be responsible for the design of distribution transformers with customization and small power transformers with a high level of customization. This position follows standards: CSA C227.3; C227.4; C227.5; C2.1; C88.

This role calls for a designer who can blend technical precision with practical problem-solving—someone who can translate complex customer requirements into accurate transformer designs, calculations, drawings, and production-ready documentation. Strong competencies include mechanical design judgment, attention to detail, standards compliance, cross-functional collaboration, and adaptability under pressure, especially when supporting Sales, Electrical Engineering, Purchasing, QA, and production teams. The ideal person is equal parts engineer, detective, communicator, and craftsman: curious enough to catch what others miss, disciplined enough to follow CSA/ISO requirements, and collaborative enough to keep custom projects moving smoothly from concept to as-built documentation.

WHAT YOU WILL DO

- Design distribution transformers (customized) and small power transformers (highly customized) in accordance with applicable CSA standards.
- Create Initial Customer Documentation (ICD), including outline/legend/nameplate drawings and other customer-requested documents (e.g., decals).
- Perform required design calculations (e.g., tank weights, pressure, center of gravity; and other mechanical integrity checks).
- Produce detailed mechanical designs (internal clamp/unit assembly and external tank assembly) and release outputs to Sales/Purchasing/QA; create nameplates for production.
- Support production through schedule-based design clarifications, documentation updates/revisions, NCR involvement, and final as-built documentation.

WHAT IT TAKES

Apply today if you meet the following requirements:

- Undergraduate Degree in Engineering; Mechanical is an asset.
- Requires an engineering degree with design component.
- P. Eng is required
- 3-5 years of experience in mechanical designing
- Demonstrated experience with 3D parametric solid modeling (i.e., CREO, WindChill, 3D AutoCAD).
- Knowledge of databases (i.e. SAP, Project Lifecycle Management DB', Microsoft Suite).
- Demonstrated attention to detail is required.
- Skilled/technical knowledge & customer service.
- Previous transformer design related experience is an asset.



- Ability to work at sustained pace and produce quality work.
- Ability to work well in a fast-paced environment and adapt to change.
- Ability to work cooperatively and effectively with others.
- Must be able to obtain and maintain a satisfactory Criminal Record Check for the duration of employment.

ABOUT PTI

PTI is a leading innovator of transformer technology with expertise in design, manufacturing, delivery, servicing, and repair of small, medium, and large power transformers, using innovative, sustainable, and custom-built solutions that bring value and quality to our customers. Since its inception in 1989, PTI Transformers has grown to be the largest privately-owned Canadian manufacturer of electrical power and distribution transformers.

Today, we operate manufacturing facilities in Regina and Winnipeg, and a warehouse in Mississauga, with a combined workforce of over 300 employees. PTI is a Platinum member of the Canada's Best Managed Companies, one of Saskatchewan's Top 100 businesses and are ISO-9001 certified.

For more information visit our website at www.ptitransformers.com. Submit resumes by via the link provided. We thank all applicants for their interest; however, only those selected for an interview will be contacted.