

POSITION POSTING

POSITION: DESIGN ENGINEER, REFRIGERATION
REPORTS TO: ENGINEERING TEAM LEADER

RESPONSIBILITIES & DUTIES:

- Conceptualizes and develops controlled environments to meet customer requirements.
 - Applies extensive knowledge in refrigeration systems by:
 - Designing refrigeration and air handling systems;
 - Sharing technical expertise with others throughout the organization; and,
 - Troubleshooting refrigeration challenges occurring during manufacture, installation and after commissioning.
 - Designs controlled environment products, including research greenhouses, plant growth chambers and rooms, and their corresponding subsystems, which will include the detail design of:
 - Electrical systems, power distribution and control sequencing, and lighting systems; as well as,
 - Chamber cabinets and all associated sheet metal components.
 - Produces, or ensures completion of, manufacturing drawings, schematics and bills of material so that product is manufactured in a timely and cost-efficient manner.
 - Produces, or ensures completion of, installation documentation so that product is installed in a timely and cost-efficient manner, while ensuring that product specification are met.
 - Performs cost analysis of components and products.
 - Works closely with Production, Technical Services, and Installations to troubleshoot product and manufacturability concerns as they arise.
 - Facilitates continuous Improvement using Lean Manufacturing tools and techniques.
 - Other duties as assigned.
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SKILLS & ATTRIBUTES REQUIRED:

- Demonstrated design skills and extensive knowledge of refrigeration and HVAC systems are essential.
- Demonstrated design skills within a manufacturing environment are strongly preferred.
- Ability to use CAD software
- Hands-on, highly pragmatic and practical individual.
- Thrives within a dynamic, customer focused environment. Demonstrated ability to set and meet milestones and deadlines with minimum supervision.
- Ability to work effectively on a team in both a leadership or subordinate role:
 - Takes ownership of projects and drives them through to successful completion;
 - Trains and coaches others to achieve ever-improving results;

- Demonstrated ability to analyze situations, information and consider innovative solutions for challenges; and demonstrate initiative in implementation.
 - Developed interpersonal skills with the ability to work well with all areas of the company.
- High level of mechanical aptitude.
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EXPERIENCE REQUIRED:

- Minimum of 3 to 5 years of experience designing and trouble-shooting refrigeration and HVAC systems.
 - Design experience within a manufacturing environment is strongly preferred.
 - Experience designing electrical systems, weldments and sheet metal is a definite asset.
 - Hands-on experience in a manufacturing or similar (construction, agriculture, automotive, etc.) is considered an asset
 - Knowledge of Conviron, or similar products, considered an asset.
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EDUCATION REQUIRED:

- Mechanical engineering degree with professional engineering designation and registration with APEGM.
 - Those with other engineering degrees, combined with applicable experience will also be considered.
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POSITION DURATION:

- Permanent full time position.
 - Successful applicant will be a career-minded individual who has a sincere desire to grow with Conviron.
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LOCATION:

- Winnipeg
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RATE OF PAY:

- The successful applicant will be remunerated based on their skills and experience.
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DATE OF POSTING: November 27, 2007

CLOSING DATE: Once successful candidate(s) selected.

Applicants should submit their resume to hr@conviron.com, attention Judy, with the reference "Design Engineer."

We are committed to Employment Equity and provide a fair and equitable environment. We encourage applications from qualified women, men, visible minorities, aboriginal peoples, and persons with disabilities.