



Mechanical Engineer

MTX Fruit Ripening Systems N.A.
Rockwood, Ontario

Employment Type: Full Time

Job Description

MTX is looking to add a mechanical engineer to our team. This position will require a strong design and analytical mindset, innovative ideas, and great communication skills. In this role you will be called bridge the gap between design and project implementation, following the project from conceptual design in the office to actively engaging with onsite installers. A strong understanding of refrigeration design, thermodynamics, automation, and general construction practices will provide a good foundation. You will be required to interact with MTX team members, vendors, clients, architects, and engineers. Both 2D and 3D modelling systems will be utilized daily for construction plans and component modelling.

We're offering an experienced individual the opportunity to play a key role in our continued growth, providing great opportunity for advancement, great diversity in the day to day responsibilities, and competitive wages.

Specific Responsibilities:

- Assist in the development of site plans, project requirements, equipment selection, etc.
- Contribute to systems development and design
- Assist in the development and building of proprietary systems
- Correspond with consultants and engineers on local codes and requirements
- Create working drawings, detail drawings, etc using Solidworks and Autocad
- Review drawings for accuracy, material selection, proper machining techniques, finish, etc.
- Correspond with vendors and customers regarding technical information and specifications
- Perform engineering calculations with respect to system design requirements
- Organize documentation, including quotes, drawings, correspondence, schedules on projects assigned

- Assist in project planning, forecasting, organization and management of projects as capable.
- Be an ambassador for MTX during site visits, correspondence, and interactions with vendors and business affiliates.
- Work with customers, project managers, designers, and trades to solve problems in order to provide the customer with complete and functional systems.
- Provide detailed and cost-effective solutions for project or service requirements
- Proactively recognize service or site requirements ensuring adequate time is allotted for acquiring materials for works to be completed.
- Provide customers with training specific to their equipment, e.g. equipment operation, functionality, and use.
- Follow all safety procedures according to MTX's Health and Safety policies in addition to any customer specific Health and Safety procedures.
- Communicate respectfully with both MTX team and customers contributing to a desirable working environment.
- Be receptive to both internal and external training personnel.
- Dedication to improving the level of both service and installations provided by MTX
- Continuation of development and learning in the electrical/mechanical field either independently or in a team environment
- Travelling may be required

Desired Skills and Experience:

- Post-secondary degree in mechanical engineering or equivalent
- Fully proficient in AutoCAD and Solidworks software
- Project management training an asset
- Ability to be flexible in response to changing priorities and needs
- Strong written and oral communication skills
- Highly collaborative and team oriented
- Work well with little direction but know when to ask for help and keep your team informed
- Experience in industrial/commercial construction
- Ability to multi-task and prioritize
- Innovative problem-solving and strong analytical skills
- Strong organizational, interpersonal, problem solving, and analytical skills
- Mandatory computer skills: MS Word, MS Excel, MS Office, and Outlook
- Strong written and verbal communication skills
- Ability to read and understand drawings and schematics
- Understanding the fundamentals of refrigeration systems would be an asset
- Willing to learn
- Postgraduate experience in design, development and building of electrical mechanical systems.
- A licensed member (in good standing) with *Professional Engineers Ontario* would be an asset
- Must have valid driver's license and transportation

Please submit resumes to info@mtxfruitripening.com

www.ripeningrooms.com