



Mechanical Engineering Design Technologist

Posted by: Advanced Equipment Inc.

Posting date: 02-Jun-2025 **Closing date:** 29-Nov-2025

Education: Bachelor of mechanical engineering or a related discipline

Language: English, Chinese or any other secondary language is an asset

Job location: Richmond

Salary: \$36.60-40.00 Per Hour

Years of Experience: Fresher (less than 1 year)

Vacancy: 1

Job Type: Full Time

Job id: CAJ5312443

Job description:

Mechanical Engineering Design Technologist

Employer: Advanced Equipment Inc.

Location: Richmond, British Columbia

Salary: \$36.60 to \$40.00per hour (based on experience)

Employment Type: Full-time, Permanent

Hours: 30-40 hours per week

Start Date: As soon as possible

NOC Code: 22301 – Mechanical Engineering Technologists

Job Overview

Advanced Equipment Inc., a leading Canadian manufacturer of industrial spiral and tunnel freezer systems with over 40 years of experience, is seeking a **Mechanical Engineering Design Technologist** to join our dynamic engineering team. The successful candidate will contribute to the design and development of customized solutions for food processing facilities worldwide.

Key Responsibilities

- Design and develop industrial freezers and food processing equipment systems based on directives from senior management.
- Create and maintain detailed design drawings, programs, and documentation using 3D modeling software (SolidWorks) and AutoCAD/DraftSight.
- Provide technical support and serve as a liaison between internal field support and shop staff throughout the design and execution phases.
- Ensure all designs meet specified functions and optimize cost and material utilization.
- Verify that designs adhere to original requirements from concept through to final commissioning.
- Comply with all standard administrative, health & safety policies, and standard operating procedures.
- Perform additional job-related duties as assigned.

Qualifications

- Completion of a Bachelor's degree of program in mechanical engineering or a related discipline.
- Minimum of 6 months' work experience in the design and manufacturing of processing equipment; experience in food processing equipment design is preferred.
- Proficient in SolidWorks with at least three years of hands-on experience.
- Strong analytical, mathematical, critical thinking, and problem-solving skills.
- Ability to work collaboratively in a team environment, self-motivated, and capable of handling multiple projects in a fast-paced setting.
- Fluency in Mandarin is considered an asset due to frequent communication with Mandarin-speaking team members.

Benefits

- Extended health care and dental coverage.

- Life insurance.
- Paid time off.
- Bonus pay and overtime compensation.
- Casual dress code.

Work Conditions and Physical Capabilities

- Fast-paced environment.
- Attention to detail.
- Ability to work under pressure and meet tight deadlines

How to Apply

Interested candidates are encouraged to submit their resume and a cover letter detailing their qualifications and experience. Email to: meici.job@gmail.com.

Contact Information:

AEI is an equal opportunity employer. We thank all those who apply; however, only selected candidates will be contacted for interviews. Employment at AEI is based solely on an individual's merit and qualifications directly related to professional competencies and eligibility to work in Canada. We thank all applicants for their interest; however, only those selected for an interview will be contacted.

To apply for this job vacancy, please send your resume along with a cover letter and a reference letter from your previous employer to the following email: meici.job@gmail.com

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