

STEM Engineering Group

PLEASE READ THE JOB DESCRIPTION AND THE PRE-EVENT VIDEO INTRODUCTION QUESTIONS BELOW BEFORE PAYING FOR YOUR VIDEO PROCESSING FEE

Intermediate Mechanical Engineer (Industrial)

STEM Engineering Group Inc. is seeking an intermediate Mechanical Engineer to work in its industrial work group in our Sault Ste. Marie, Ontario office. The successful candidate will be working with a team of CAD Designers, EITs and Engineers within the mechanical and structural disciplines.

Duties & Responsibilities:

- Work with a team of engineers and designers to complete industrial mechanical and structural projects.
- Design and analyze machinery, piping, structures and other industrial equipment.
- Be involved with producing & reviewing detailed 3D models in Autodesk Inventor of heavy industrial projects including plant layouts, large & small piping, equipment assemblies, structural steel, walkways & handrails, lifting beams, etc.
- Be involved with producing & reviewing 2d design drawings.
- Assist in preparing proposals for new work.
- Prepare technical reports and studies for various engineering projects and review reports prepared by colleagues
- Visit client facilities in order to meet with clients and gather essential data for the design and implementation of projects.
- Assist with inspections.
- Adhere to timelines & schedules in a fast-paced environment.

Qualifications:

- Licensed with Professional Engineers Ontario (PEO) with membership in good standing.
- A minimum of 3 years of experience in mechanical engineering.
- Proficient with 3D modeling software. Experience with Autodesk Inventor preferred.
- Proficient with 2D AutoCAD software.
- Experience with software engineering tools such as pipe analysis software, spreadsheets & FEA.

- Experience in designing/modeling/drafting of heavy industrial equipment, piping & structures preferred.
- Strong knowledge of engineering and manufacturing principles related to industrial mechanical projects (piping, machinery, fabrication, welding, structures, etc.).
- Strong verbal and written communications skills.
- Excellent organizational skills
- Ability to work with minimal supervision
- Self-motivated, ability to learn new skills, and work cooperatively in a team environment
- Outgoing personality and community involvement would be assets.

Full-time permanent Salary position

Salary Range - (based on skills and experience)

Health Benefit Plan and Defined Contribution Pension Plan

PRE-EVENT VIDEO INTRODUCTION QUESTIONS:

1. Tell us why you are interested in working with STEM? Please confirm in your answer that you are a licenced PEng in Ontario.
2. Describe your experience working on mechanical engineering projects, preferably focusing on machinery or piping.
3. As it relates to engineering what is your proudest accomplishment?

If you meet the requirements and your skills are a good match, then proceed to register and pay for your video processing fee.

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