

## Job Title: Mechanical Systems Design Engineer 1



Our solutions are a key part of most industries - electronics, medical research, renewable energy, food production, infrastructure and many more. Working with us means working with the latest technologies and groundbreaking, sustainable innovations.

**Join us on our journey for a better tomorrow.**

Class 1 is Canada's leading professional service provider for **Medical Gas Equipment**. Our Engineering team provides custom design options for the latest technology in compressors, desiccant drying and purification, and controls for our customers' medical gas/air equipment needs. Our vision is service excellence – every time!

With this in mind, we are currently looking for an innovative Mechanical Systems Design Engineer to ensure that we remain "First in Mind – First in Choice" in our industry.

### **YOUR MISSION**

Our team members are entrepreneurial in mindset, passionate about Class 1 Inc., and committed to our growth. The Mechanical Systems Design Engineer will design Medical Gas/Air systems and provide up-to-date information and documentation at product release and during the life cycle of our products. You will provide and maintain quality control, technical support, and service bulletin releases. The role will involve ensuring that engineering queries are dealt with in a timely manner and that any activity through the engineering change process is made efficiently and accurately. Our Engineering team members support a spirit of open communication of engineering changes throughout the organization and individuals in all areas of operation. You will also support the development of the Class 1 Inc. product and customer company into a design centre for Medical Gas Products and realize synergies between divisional group companies.

### **YOUR MAIN RESPONSIBILITIES**

- Create new product design drawings to meet customer requirements
- Maintain all standard product design drawings
- BOM creation and updates and BOM maintenance for products in serial production
- Input BOM to ERP system when new configuration or spare kit required
- Update existing manuals and specifications and create submittals for applying new product designs
- Lead the part number request process for new part introduction
- Maintain and update the mass data in engineering team for different requirements such as shipping/logistic requirements, production, and service
- Liaise with production and service personnel to provide technical assistance to maintain production schedules and best practices
- Assist in Engineering projects as required

### **TO SUCCEED, YOU WILL NEED...**

The successful candidate for this position will be a systematic, perceptive, and organized individual with excellent communication skills both written and oral. This person will have a high sense of urgency, responsiveness, and be customer service oriented.

## **QUALIFICATIONS**

- Bachelor's Degree in Mechanical Engineering
- Minimum of three (3) years of relevant experience in an engineering or technologist role within manufacturing environment
- Valid Driver's License and clean driver's abstract may be required
- Vulnerable Sector Police Record Check may be required

## **KNOWLEDGE**

- Proficient in three-dimensional CAD drafting package (SolidWorks and Inventor)
- Experience in a piped laboratory gas and design manufacturing environment is an asset
- Experience in ERP Software (SAP preferred)
- Bilingual in English & French (speaking and writing) considered an asset
- Knowledge of pressure systems and vessels, piped medical gas systems and associated equipment is strongly preferred
- Atlas Copco Compressed Air R&D experience considered an asset
- Proficient in MS Office Suite

## **SKILLS & ABILITIES**

- Excellent organizational, interpersonal, and problem-solving skills
- Excellent oral and written communication
- Excellent analytical and problem-solving methodology
- Able to collaborate across functions and all levels of organization
- Able to coordinate quality assurance programs with technicians and engineering staff
- Able to set priorities and handle competing demands quickly and efficiently

## **TRAVEL**

- Based in Cambridge, Ontario, Canada
- Periodic travel outside of Canada and/or continental North America may be required for training and project work

## **IN RETURN, WE OFFER YOU...**

- On the Job training in the delivery of high-quality customer service to all Class 1 Inc. customers
- Competitive wage
- Extended health care plan, dental care, life and disability insurance
- Company matching RRSP plan
- Physical wellness subsidy
- Paid time off (3 weeks' vacation to start, paid sick days, paid flex days)
- Emergency travel insurance
- Employee assistance program
- Continuous learning opportunities

## **Diverse by nature and inclusive by choice**

Bright ideas come from all of us. The more unique perspectives we embrace, the more innovative we are. Together we build a culture where difference is valued and we share a deep sense of purpose and belonging.