

ACCUTRON INSTRUMENTS EMPLOYMENT OPPORTUNITY



ELECTRICAL, MINING, MECHANICAL DESIGN ENGINEER – HVAC AND AUTOMATED SYSTEMS

For Mine Ventilation Automation - Accutron Instruments Inc. - Sudbury, ON, Canada.

A lot of other folks will put some nonsense about kittens, rainbows and unicorns here. We won't.

We are people that like to roll up their sleeves and get their hands dirty. If you work here we are going to drive you to be as successful as you can be. We are on a mission to expand our successful company.

Accutron Instruments Inc. is an aggressive growing company in Sudbury Ontario. We design and manufacture advanced sensors and instrumentation that are changing the future of underground mine ventilation. We are building a strong technical team that pride themselves on superior execution.

If this sounds like your thing, please send us your resume.

THE ROLE

Accutron Instruments is seeking an exceptional Design Engineer who is motivated to change the mine ventilation automation world.

This Design Engineer reports to the Engineering Manager of Automation Systems and will be responsible for conceiving and designing cutting edge, heating and cooling components and systems with optimum efficiency, performance, reliability and safety.

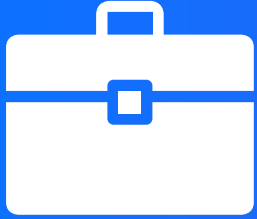
This role is within the Mining Engineering team and will work closely with the Quality, Service, Manufacturing, Validation, and Purchasing organizations as well as external suppliers to design outstanding mine ventilation systems

RESPONSIBILITIES

- Mechanical design and packaging of HVAC components to meet system and mine requirements while optimizing for efficiency, cost, weight, manufacturability and serviceability
- Manage suppliers and projects to ensure timely program deliverables within budget
- Develop component and system level requirements based on mine level requirements and customer experience
- Lead creation of component specifications, component, and other technical design documents
- Develop and execute component and subsystem design verification plans and test methods to validate produce adherence to requirements
- Ensure ventilation systems conform to all safety standards governing HVAC operation
- Support programs through the entire life cycle including; spec development, prototype builds, mine test, and production

REQUIRED SKILLS AND QUALIFICATIONS

- BS or MS in Mining or Mechanical Engineering - all experience levels considered
- Outstanding design, packaging and 3D modeling skills - Solidworks preferred
- Passion for industrial automation and energy efficiency



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- Demonstrable motivation and ability to solve novel, difficult design problems with tight timing constraints
- Flexibility and adaptability in a fast-paced and dynamic work environment

DESIRED SKILLS AND QUALIFICATIONS

- Working knowledge of automotive HVAC systems including compressors, HVAC units, fluid transfer components, and mine performance testing
- Working knowledge of psychrometrics, heat transfer, fluid dynamics and thermal management

TERMS OF EMPLOYMENT

Full time – days, evening and weekends
Language: English

ABOUT THE COMPANY

At Accutron Instruments Inc. we design, manufacture and commission a wide range of mining sensors to meet the demands of harsh industrial environmental conditions and infrastructure demand. Our products include airflow monitors, toxic gas detectors, temperature, pressure and humidity level sensors and complete Mine Air Quality Stations (MAQS).

We are committed to the continuous development of top-quality instrumentation for process automation solutions. We are driven by the work we do, creating global impact in the mining industry that leads to market advantages for our customers and a strong successful future for our company.

Accutron Instruments Inc. is a leading manufacturer of underground mine ventilation & automation technology founded in 1993. We are based in Sudbury, Ontario, Canada. We supply worldwide industrial markets with products and services for ventilation monitoring, process automation and optimization of mine ventilation systems to improve process efficiency and energy conservation.

APPLY BY

E-mail: careers@accutroninstruments.com
Website: <http://accutroninstruments.com/>