Mechanical Tradesperson (Machinist)

Full-Time Indeterminate

Technical Services Group – Operations Division

About Us

SNOLAB, located 2 km underground in Vale Creighton Mine near Sudbury, Ontario, is a world-class facility for underground physics research. It focuses on astroparticle physics and underground science, preparing for new experiments on neutrino's and the search for galactic dark matter.

To support its groundbreaking research, SNOLAB operates two advanced machine shops. The recently renovated surface machine shop now features state-of-the-art equipment, including cutting-edge equipment such as: OMAX waterjet and a HURCO milling machine. Both the underground and surface machine shops are equipped with traditional milling machines, lathes, drill presses, 3D printers, and other manual tools. This comprehensive array of equipment enables the manufacture of unique, high-precision, and high-quality parts for experiments utilizing pure science-grade materials.

The Position

As a certified Machinist at SNOLAB, you will lead operations of our machine shops located both on the surface and underground. This pivotal role involves leveraging your extensive technical expertise in the design, fabrication, and maintenance of precision components. Your responsibilities will include overseeing the operation of advanced machining tools, ensuring adherence to exacting specifications and safety codes.

We are seeking an individual who takes pride in their workmanship, exhibits a proactive approach to innovation, and continuously seeks to refine their machining skills. Your ability to effectively manage both machine shops and address complex challenges will be key to advancing our unique experimental projects.

- Work with supervisors, scientists, and engineers to push technical limits and machine one-of-a-kind parts
- Read diagrams, manuals, and schematic drawings to determine work procedures.
- Install, align, dismantle, and move industrial machinery and mechanical equipment, such as laboratory equipment, vacuum, hydraulic and pneumatic systems, etc. according to layout plans.
- Operate hoisting and lifting devices such as overhead and portable cranes, forklifts, and jacks to position machinery and parts during the installation, set-up, and repair of machinery.
- Inspect/examine machinery and equipment to investigate irregularities or malfunctions and provide diagnostic reports.
- Operate machine tools such as lathes, waterjet, milling machines, drill presses, band saws and grinders to fabricate new parts required for experiments, overhauls, and set-up of machinery.
- Assist experimental program through the construction, installation and commissioning of experimental components, process systems and support structures.
- Generation of required work documentation whether for quoting, purchase order input, fabrication drawing, or completing workplans/test records and as-builts will also be required.

Criteria

Education:

- Grade 12 diploma and an Ontario certification in a relevant trade is required.

Experience:

- Experience as a certified tradesperson; Machinist, Millwright, or other relevant trade.
- Experience working as a certified tradesperson in a machine shop.

Salary Range

Salary will be determined by qualifications and experience and includes an attractive benefits package. Relocation assistance will be determined in accordance with SNOLAB policies.

To Apply

All applications must be submitted to jobs@snolab.ca. **Please do not fax or mail your applications.** By applying to the e-mail address, your application becomes available to managers immediately. Interested candidates should include a cover letter and resume.

Closing Date

September 20, 2024

Applications will be accepted until **11:59pm Eastern Time**.

SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, Indigenous persons, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at www.snolab.ca

Posting Date: **September 6, 2024**