



Instrumentation Technologist

Full-Time Indeterminate Position
Integration Group

About Us

SNOLAB is an international facility for world-class underground physics research and has an expanding programme in astroparticle physics and underground science. Located in an air-conditioned clean room 2 km underground in the Vale Creighton Mine near Sudbury Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter.

The Position

As a certified tradesperson you will need to be able to, design, fabricate, construct, install, maintain, troubleshoot, calibrate, adjust, and repair specified industrial systems according to appropriate codes and regulations. Ensure equipment or system serviced is in good operating condition. Ensure servicing and installation is appropriately documented with controlled drawings and service records and in compliance with codes and regulations. Support and assist in design aspects of scientific program.

The job duties include but are not limited to the following:

- Read blueprints, diagrams, manuals and schematic drawings to determine work procedures.
- Install, align, dismantle and move control and measurement instruments on new and existing industrial systems according to layout plans.
- Program Communication Systems, Troubleshoot and repair, maintain, calibrate, adjust and install instrumentation, electrical or mechanical systems according to technical manuals and written instructions in field settings.
- Assist in the design, recommending, selecting, developing, programming, installing, commissioning, and testing of electrical instrumentation and control systems components, equipment and systems
- Consult manufacturer's manuals, circuit diagrams and blueprints to determine tests and maintenance procedures for instruments used in experimental systems or infrastructure
- Adhere to stated policies and procedures relating to health and safety, quality management and quality assurance



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- Experience sourcing and procuring instrumentation and control equipment and assets
- Experience conducting preventive maintenance programs and keeping maintenance records is an asset

Criteria

Education:

- Candidates should hold or be currently working towards obtaining their Ontario Certification 447A or equivalent – Instrumentation & Control Technician and be registered and in good standing with the Ontario College of Trades.

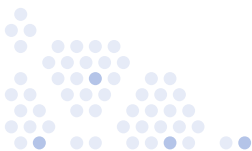
Experience:

- Knowledge of safe working techniques and practices.
- Knowledge of industrial systems to provide support with services in the areas of design, development, installation, testing, calibration and operation.
- Effective oral and written communication skills.
- Must have the ability to calibrate electrical or electronic equipment and instruments according to technical manuals.
- Ability to troubleshoot and repair instrumentation, electrical or mechanical systems.
- Ability to work independently.
- Ability to understand and follow written instructions.
- Teamwork and Computer Skills.
- Experience with Siemens PLC Logic or Delta systems would be considered an asset

Salary Range

\$75,017 - \$81,000

Salary will be determined by qualifications and experience and includes an attractive benefits package. Relocation assistance will be determined in accordance with SNOLAB policies. This position is covered by the Collective Agreement between the SNOLAB Institute and the United Steelworkers Local 2020. To meet operational needs, shift work may be required.



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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

April 15, 2022

Applications will be accepted until **23:59 Eastern Time**.

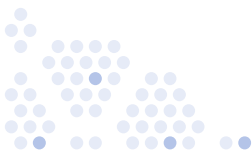
SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

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: April 1, 2022



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