



Instrumentation Technologist

Indeterminate

Operations Department

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

This certified tradesperson is responsible for designing, fabricating, installing, maintaining, troubleshooting, and repairing industrial instrumentation and control systems (Operational Technology) in compliance with codes and regulations. The role also includes ensuring equipment is safe and operational, maintaining accurate documentation, and supporting facility infrastructure design and the scientific program. The candidate will be expected to:

- Read blueprints, diagrams, manuals, and schematic drawings to determine requirements and work procedures.
- Install, align, dismantle, troubleshoot, and maintain control, measurement, and communication systems on new and existing industrial systems in accordance with design specifications and operational requirements.
- Install and maintain wiring, cables, and fibre-optics for controls and instrumentation systems, and communication and monitoring systems.
- Configure and program control systems (PLC, SCADA, DCS, BAS, etc), including device configuration, functional and process logic, graphical interfaces, and alarms management.
- Perform basic electrical and mechanical work as required and qualified to do.



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- Assist in the design, recommending, selecting, purchasing, developing, programming, installing, commissioning and testing of instrumentation and control systems components, equipment and systems.
- Identify and locate suppliers for the procurement of needed materials, tools and equipment.
- Assist with other maintenance and support activities as required.
- Adhere to policies, procedures and best practices relating to health and safety, quality management and quality assurance.

Criteria

Education:

Trade Certification

Experience:

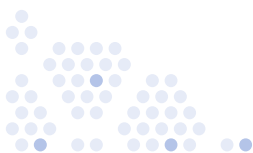
- Knowledge of industrial systems to provide support with services in the areas of design, development, installation, testing, calibration and operation.
- Knowledge and experience with automation systems (PLC, SCADA, DCS, BAS).
- Must have the ability to calibrate electrical or electronic equipment and instruments according to technical manuals.
- Ability to troubleshoot and repair instrumentation, electrical and mechanical systems.

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



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available to managers immediately. Interested candidates should include a cover letter and resume.

Closing Date

February 12, 2025

Applications will be accepted until **4:30pm Eastern Time**.

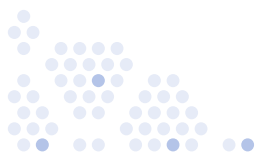
SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

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: **January 29, 2025**



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