

Ready to build a rewarding career in an industry that is growing?

Who We Are

We are a global mining company dedicated to safely delivering nickel, copper, cobalt, and platinum group metals essential for the world's energy transition.

Our mission is to improve lives and shape a better future together.

From utensils to cellphones to satellites, our operations simplify daily life and enhance connectivity. Our metals are integral to life-saving medical equipment and the electric vehicles driving the fight against climate change – our work truly matters.

Join our diverse team of 15,000 talented individuals committed to transforming critical minerals into prosperity and sustainable development in countries like Canada, Brazil, Indonesia, the United Kingdom, and Japan. We invite you to use your skills with us and contribute to something meaningful and enduring.

The Opportunity

We are currently seeking a **Senior Maintenance Assistant** to join our Clarabelle Mill, Tailings and Water plants Maintenance Team in Sudbury, ON.

This is a permanent position covered under the Collective Agreement between Vale and the Local 2020-05 United Steelworkers.

The role holder will provide technical expertise for elements such as: electrical/electronic control systems, control software and telecommunications. The successful applicant will facilitate automation implementation for new and existing equipment and its integration into a process operation.

Additionally, in this position you will:

- Assist with the design, maintenance and programming of the following systems and devices including: DCS systems (Foxboro, DeltaV), PLC systems (Allen Bradley Rockwell), video LAN systems (Indigo Vision), process LANs, gateways, HMI software (Factory Talk View SE), Rockwell intelligent MCCs (AB Bulletin 2100 with E300 and E3+ overloads), ABB VFDs (ACS600/800/880, 6000) and GE Multilin protection relays. Communications protocols include Modbus (Plus, TCP/IP), Ethernet/IP, and HART communications over serial and ethernet physical layers, radio frequency, Wi Fi and fiber optics.
- Assist with maintenance and design of Instrumentation, Electrical, Combustion and Hydraulic Control Systems.
- Proven ability to analyze problems, propose and implement solutions.
- Assist in the development and maintenance of communication and automation systems, safety and fail-safe analysis, critical spare parts lists, etc.
- The incumbent will be required to document data and procedures, and complete formal written reports.

- Maintain and update electrical, instrumentation, Combustion BM, and network prints using approved software.
- Must be able to mentor, coach and train junior colleagues and possess strong communication skills.
- This position requires the incumbent to work in an industrial environment.

About You

Education:

- Graduate technologist in electrical/electronic discipline (certification in automation, electronics, communications, electrical, instrumentation and/or relevant field is desirable). An Interprovincial Red Seal in Electrical or Instrumentation would be considered an asset to this role.

Experience:

- More than three years of related experience in similar design and maintenance fields preferred. Previous experience in automation, communications (cable TV), military, network management, automotive, will be considered.

Skills:

- Knowledge of modern analytical techniques, instrumentation, Combustion BMS and network communications is required. Applicants must be fully conversant with applicable codes and government regulations.
- General knowledge of automation equipment, Fiber System Design and Maintenance is required. Willingness to learn and adapt to new and changing technologies is a requirement.
- General knowledge with Microsoft Office software including Word, Excel, outlook and PowerPoint.
- Accuracy and Thoroughness: Knows and meets customer requirements.
- Conceptual Thinking: Applies complex concepts.
- Innovative Thinking: Provides options for resolutions.
- Listening, Understanding and Responding: Listens responsively.

What We Offer You

- Competitive compensation including a variable annual incentive plan
- Participation in a competitive Defined Contribution Pension package
- Comprehensive benefits package (company paid core coverage, health and dental coverage, flex accounts, disability plans and optional insurances)
- Leave for all of life's reasons (vacation, personal, sick, parental)
- Work culture dedicated to safety, diversity & inclusion, and career growth
- Employee Family Assistance Program
- Virtual Healthcare online
- Online training and career development opportunities
- Relocation Assistance

Why Sudbury

Greater Sudbury is a vibrant city in northeastern Ontario, renowned for its rich mining history and significant role in Canada's mineral production. The city sits atop one of the world's largest and oldest meteorite impact sites, the Sudbury Basin, which is exceptionally rich in nickel, copper, and other critical minerals that are needed for the green economy. The mining sector is a cornerstone of Sudbury's economy, driving both employment and economic growth, and Vale Base Metals plays a pivotal role in this regard. Our commitment to the community is as deep as our mines.

Include to Transform

At Vale Base Metals, we are committed to ensuring an inclusive work environment where people feel comfortable to be themselves. Vale encourages everyone to express their ideas and opinions and values the plurality of individual profiles. We want our people to feel that all voices are heard, all cultures respected and that a variety of perspectives are not only welcome – they are critical to our success. We treat each other fairly and with dignity regardless of race, gender, nationality, ethnic origin, religion, age, sexual orientation, or any other personal consideration that makes us different.

Vale is an equal opportunity employer seeking to increase diversity across our operations and improve equal opportunity at Vale and in the mining industry.

In accordance with the Accessibility for Ontarians with Disabilities Act, accommodation is available throughout our recruitment process for applicants with disabilities.

Pay Grade: J

Apply by: Monday, September 8th, 2025

#ValeBaseMetals

Interested applicants must submit their application online at <https://vale.eightfold.ai/careers>.