

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 Specialist, Engineer - Mine Hoist Mechanical to join our Technical Services and Asset Strategy team in Sudbury, Ontario. This is a permanent position.

As a Specialist, Engineer - Mine Hoist Mechanical, you will provide technical guidance to the Ontario operations as subject matter expert for mine hoist mechanical systems consisting of hoists, conveyances, ropes & attachments, and headsheaves. The Specialist Engineer complies with Vale's Health, Safety and Environment Procedures and Code of Ethics and Conduct using Risk Management, the Vale Production System (VPS) and industry best practices. The Specialist Engineer is expected to know, comply and uphold to high standards associated with external codes and regulations such as PEO and governmental mining regulations

Additionally, in this position you will:

- Provide technical support for hoist maintenance, operations, and reliability teams.
- Develop and implement asset strategies, maintenance practices, and safety policies.
- Certify hoist equipment, conduct audits, inspections, and troubleshoot mechanical failures.
- Support projects through scope of work development, technical specifications, supplier reviews, and commissioning.
- Drive innovation, apply new technologies, and contribute to complex engineering studies.
- Mentor and train staff, develop standards, and ensure regulatory compliance.
- Collaborate with stakeholders on budgets, shutdowns, and strategic investments.
- Conduct risk assessments, root cause analyses, and manage external engineering consultants.

About You

Education:

- Undergraduate degree in Mechanical Engineering
- P.Eng. designation required

- M.Eng. designation preferred

Experience:

- 8+ years post P.Eng.
- Has working knowledge of maintenance management systems (SAP)
- Mine hoist loading and duty calculations
- Mine hoist mechanical components (bearings, gears, drums, clutches, brake systems)
- Shaft conveyances (skips, cages, counterweights, work platforms)
- Mine hoisting ropes (specifications, maintenance, geometry & harmonics)
- Headsheaves, winches, ancillary hoist equipment
- Hoist mechanical maintenance practices and procedures
- Hoist commissioning and testing

Skills:

- Scope & Expertise: Recognized regional expert and technical advisor; consults with senior engineers; challenges norms; leads complex designs; sets system standards; represents company on national code/policy committees.
- Problem Solving: Tackles complex, ambiguous issues with innovative solutions; aligns with management and client needs.
- Technology Leadership: Stays current with emerging technologies and integrates them into work.
- Autonomy: Operates independently; leads technical processes and guideline development.
- Mentorship: Provides direction to junior engineers and EITs; serves as a technical authority.
- Collaboration: Seeks input from internal/external experts on highly complex issues.

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

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.

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Pay Grade: F3T

Apply by: August 24, 2025

#ValeBaseMetals