

B.C.

2024 Issue 1



MINING *Review*

e-newsletter

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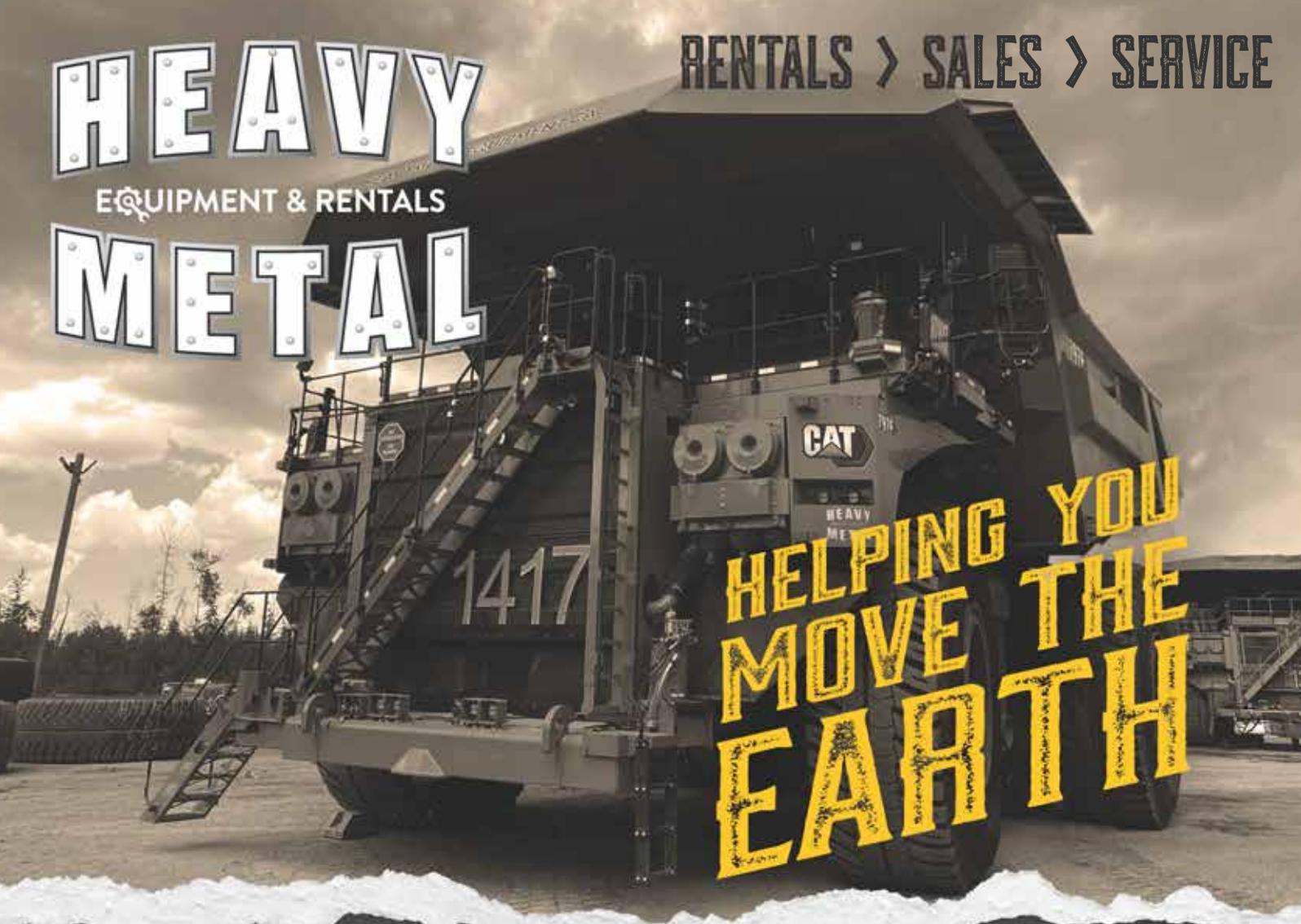
**Prospectors & Developers
Association of Canada
prepares for
2024 convention**

**The significance of
whistleblowing in preserving
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**New rules on first-aid
requirements to have
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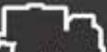
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MESSAGE FROM
THE EDITOR

Kelsey James

Welcome to the first 2024 issue of *BC Mining Review* e-newsletter! We have lots of exciting mining content to share and hope you enjoy this edition.

On page eight, Richwood highlights the company's engineered approach to solving dust containment problems at conveyor transfers, which starts with identifying the root causes of airborne dust. The Engineered Passive Dust Containment system allows airborne dust to "settle" into the main stream of product without auxiliary equipment or additives to suppress or collect the dust particles, while a Passive Containment System keeps material on the belt throughout the length of the conveyor transfer.

The Britannia Mine Museum has launched its summer exhibit, "Rock Solid: Safety in Mines." The exhibition delves into the world of mine safety, showcasing its evolution and the innovations that have transformed the industry. From the conditions of early mining operations to today's safety technologies, the exhibit highlights the continuous efforts to protect miners' lives. Learn more on page 18.

On page 24, Teck Resources discusses its transformation into a purely energy transition metals company, which will include focusing entirely on providing metals that matter for global development, the energy transition, and securing the critical minerals supply chain, with a

particular emphasis on copper. To help meet the growing need for critical minerals necessary for electric vehicle (EV) batteries, Teck is also studying the potential for constructing an EV battery recycling facility to reclaim critical minerals, including lithium, nickel, and cobalt.

These stories are just a small preview of what we have in store for you in this edition of *BC Mining Review* e-newsletter. We wish to thank all the individuals and companies who have contributed a story, including:

- Honourable Josie Osborne, Minister of Energy, Mines, and Low Carbon Innovation
- Prospectors & Developers Association of Canada
- Shannon Walker
- HydroTech Mining
- WorkSafeBC
- Small Business BC
- Normet

Thank you for reading our e-newsletter. As always, if you have any story ideas, please feel free to email me.

Kelsey James

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included in the next issue?**

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MESSAGE FROM THE HONOURABLE *Josie Osborne*

MINISTER OF ENERGY, MINES
AND LOW CARBON INNOVATION

British Columbia celebrated Mining Month in May 2024

May was Mining Month in British Columbia, an ideal time to recognize and celebrate this cornerstone industry in our province. Mining moves us, connects us, and allows us to innovate. It drives and builds our technology and is the very foundation of almost everything around us, from the copper, gold, and silver used in electrical equipment, smartphones, and healthcare equipment to the critical minerals that build the batteries, wind turbines, and solar panels that are essential to fighting climate change.

Mining is one of B.C.'s largest industries and a foundational part of our economy, providing economic benefits in communities across the province. Last year, mineral exploration expenditures reached \$643.5 million, 94 per cent higher than this government's first year in office, and mining production value is forecast to be up 57 per cent since that time. In fact, looking over the

past five years, exploration spending has totalled \$2.8 billion with mining production at over \$60 billion.

As Minister responsible for mining, I take immense pride in our government's accomplishments in supporting and growing the mining industry, but the industry's successes are all possible because of the hard-working people at the heart of every aspect of mining. This industry is built by the determination of prospectors, expertise of geologists, support of suppliers, innovation of manufacturers, vision of investors, and – most important of all – the dedication of tens of thousands of men and women who make mining their life's work.

Step onto any mine site today and many British Columbians might be surprised to find mining is not what they thought it was. Innovative, low-carbon practices like electric-powered machinery are creating cleaner and more efficient operations. Digital technologies are improving

productivity and reducing waste. And diversity is helping to shape the future of mining, with women now making up over one in six workers and growing, something that wasn't even imagined 35 or 40 years ago. Mining and mineral exploration is also the largest private-sector employer of Indigenous peoples in remote communities in B.C., which is vitally important to recognize as First Nations have a critical role in the sector. First Nations' cultural links to the land stretch across centuries, offering perspectives that are essential for driving progress in the industry, and their partnership and participation in the industry are essential for further growth.

Just as today's miners can reflect on their work with pride, the next generation of miners and explorers can look forward to long and rewarding careers as innovation and robust environmental, social, and governance standards continue to strengthen B.C.'s mining sector. Men and women today have access to training to upgrade

Step onto any mine site today and many British Columbians might be surprised to find mining is not what they thought it was.

their skills to keep pace with an evolving industry that is committed to ongoing job security, the highest standards of health and safety, and a strong focus on remediation and environmental sustainability.

The year ahead promises to be marked by milestones as we welcome two major mines starting or resuming operations: Premier Gold, near Stewart, and Blackwater Gold, southwest of Prince George. And we will continue to make progress on our BC Critical Minerals Strategy, guiding us to further boost critical minerals development, maintain sector competitiveness, advance reconciliation, and attract new investment while driving sustainable economic growth with jobs and opportunities for all British Columbians.

We are taking action to create more efficient processes and permitting while maintaining high environmental standards. B.C. has made significant progress on permitting timelines, including a 52 per cent reduction in the backlog of exploration permits since 2022. Budget 2024 reaffirms our commitment to a low carbon economy with \$24 million to ensure that we continue to reduce permitting

backlogs and enable access to the critical minerals we need for a low carbon economy and future.

The success of the mining sector is founded on the hard work of people from across the province whose commitment to excellence and perseverance is truly inspiring. My Ministry and I cannot express enough

gratitude to explorers, miners, and their families, as well as all those who support this vital industry.

Generations of British Columbia families have enjoyed security and a good life in mining, and in their names, I was proud to proclaim May 2024 Mining Month in British Columbia. 🌟



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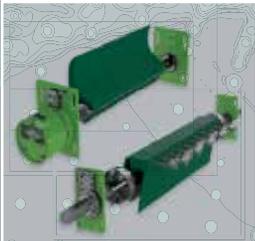
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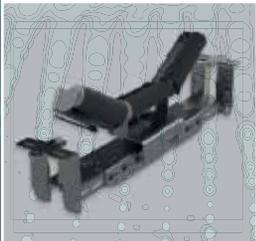
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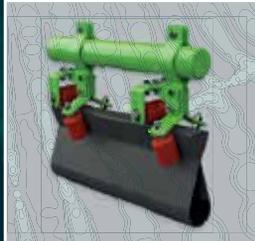
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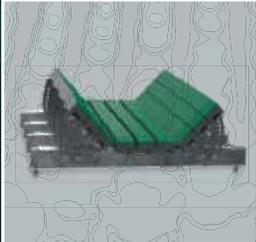
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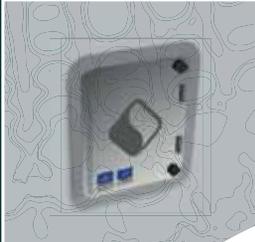
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SCHULTE STRATHAUS 

An engineered approach to solving dust containment problems at conveyor transfers

Safety and health hazards make containing dust and fines non-negotiable in today's mining environment. Additional problems associated with dust include environmental risks, increased house-keeping, and damage to equipment, as well as loss of product.

Identifying root causes is the first step to successfully solving the problem of airborne dust. Any time conveyed product is in motion it has the potential to generate dust. Dust and fines can be assumed if the product is moving, if there is an area of material free fall, and at any conveyor transfer areas. Our focus

will be on dust that is specifically created at transfer areas where the conveyor is receiving material.

Engineered Passive Dust Containment is a system design that allows airborne dust to "settle" into the main stream of product without auxiliary equipment or additives to suppress or collect the dust particles. The Passive System does not require traditional methods of dust suppression such as water or chemical sprays or vacuum dust collection.

A Passive Containment System keeps material on the belt throughout the length of the conveyor transfer. It employs a series

of chambers that are designed to reduce air velocity and allow dust particles to settle back down to the belt before exiting the transfer area.

The Passive Dust Containment System uses guidelines from CEMA (Conveyor Equipment Manufacturer's Association) to determine the recommended time and distance for material settling at the load zone. This helps determine the general length of the skirtboard beyond the impact zone.

This engineered system is built on three essentials:

1. Establish correct belting elevation for consistent support. The impact-resistant cradle-shaped



It employs a series of chambers that are designed to reduce air velocity and allow dust particles to settle back down to the belt before exiting the transfer area.

Impact Saddle with seal bar is recommended along with the use of Cushion Arc impact idlers placed before and after the Impact Saddle bed. According to CEMA standard 575, Impact Saddles are directly interchangeable with impact idlers and have the benefit of providing full trough support. The full support surface eliminates pinch points or gaps to provide the best foundation for sealing characteristics. Correct belt support and elevation are fundamental to a successful material containment system.

2. Next, a multi-layered approach that contains bulk material with internal wear liners and external skirting media to seal dust. Additional components including skirtboards or skirt clamps in a variety of configurations and rubber. Ceramic or rubber/ceramic matrix Canoe Liners can be recommended based on the needs of the application.
3. And lastly, once a solid base is in place and bulk materials and fines are contained, additional dust control components, such as entry

and exit dust curtains, dust-settling chambers, and end pieces, are added to effectively create a total system design.

When fitted with an Engineered Passive Dust Containment System, busy transfer areas can be well equipped to handle the demands of efficiency, productivity, and safety that are required.

Reliable, worry-free transfer areas are engineered every day at Richwood. To learn more about dust and material containment solutions, visit www.richwood.com. 🌐



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When it comes to solving problems with dust and material containment, Richwood achieves success with engineered passive dust containment systems. Application-specific solutions optimize efficiency through sealed and protected load zones without the need for vacuums, filters or other additional equipment. The reduced wear and tear on equipment and controlled dust and spillage create a safer and more productive work environment. Worry free load zones are designed and built by Richwood every day.

What would it mean for your productivity if dust and spillage issues were eliminated? Contact Richwood today for a review of your application.

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When it comes time to speak up about a workplace issue, feeling safe and secure in the act of speaking up is paramount.

Whistleblowing's significance in preserving ethical standards in mining



By Shannon Walker

At its core, ethical mining rests on the assumption that mining companies will implement and abide by clear policies to guarantee the safety and wellbeing of all workers. Provincial, territorial, and national laws and regulations create a complex framework for mines in Canada to operate under. Maintaining compliance and a high standard of ethical behaviour requires

being alerted to any wrongdoing or compliance concerns at every site before they can manifest into larger safety issues.

ETHICAL STANDARDS IN MINING

Through the Safe, Healthy, and Respectful Workplaces Protocol, the Mining Association of Canada works to bridge territorial gaps in regulations and raise the standard

for ethical mines across the country. Commitments and Accountability; Safety and Health Management Systems; Psychological Safety and Respectful Behaviour; Training, Behaviour, and Culture; Monitoring and Reporting; and Physical Safety and Health Performance are highlighted as core pillars with a set standard of conditions for mining companies to adhere to.

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Having an anonymous outlet, such as a whistleblower hotline, is the answer for many companies that need an alternative feedback mechanism to regular internal HR checks.

Even with comprehensive regulations in place, wrongdoing can still easily fly under the radar, especially when multiple employees are involved or covering for each other, or if the issue is condoned or conducted by supervisors or upper management. In these situations, it can be extremely intimidating for any one employee to step forward and speak up about the issue at hand, even if they know it is wrong. When these issues go unreported or are swept under the rug due to insufficient protections of reporters, ethical issues can plague mining sites, leading to unsafe conditions and hostile work environments.

HOW DO WHISTLEBLOWER HOTLINES HELP?

As suggested, when it comes time to speak up about a workplace issue, feeling safe and secure in the act of speaking up is paramount. Not

every employee will feel comfortable bringing concerns to their manager, especially if that person is implicated in the incident they are reporting. Alternatively, these employees may be encouraged to go to HR; however, this can also be uncomfortable, hard to access, and insecure for employees, causing them to avoid reporting altogether.

Having an anonymous outlet, such as a whistleblower hotline, is the answer for many companies that need an alternative feedback mechanism to regular internal HR checks.

When thinking about making an incident report or effectively “blowing the whistle” on a workplace issue, many people picture a hotline. These phone systems are one of the more traditional reporting systems and are reliable methods for quickly bringing issues forward. However, with more emphasis put on digital platforms in every industry, having an

omnichannel system that also utilizes email and web intake forms can make your system more accessible for all employees at all times.

Where possible, secure platforms that maintain anonymity for the reporter are vital elements of whistleblower reporting systems. Having a protocol in place that ensures the right people are notified of an incident report and that it is escalated according to severity will also be crucial for maintaining employee confidence in the system.

BEST PRACTICES FOR HOTLINE IMPLEMENTATION

When implementing a new process at a mining site or even across multiple sites, top-down training will be essential to ensure everyone is comfortable and aware of how to use the reporting system. Within training, management and supervisors should aim to achieve the following:



The strength of a mining company's ethical practice hinges on its ability to listen to and act upon the concerns of its workforce.

- Every employee knows how to use the tool effectively.
- Employees feel comfortable using the tool without fear of retaliation.
- Any privacy concerns around employee anonymity and data collection are addressed.
- Have a system in place to audit employee reports and collect data around usage rates, response times, and common concerns brought forward.

During training, companies should focus on promoting a speak-up culture, which encourages employees to bring forward concerns, either anonymously or to supervisors, no matter how big or small. Promoting a speak-up culture happens over time, and often requires supervisors to lead by example.

One preventative measure you can put in place to ensure people are further encouraged to speak up is an anti-retaliation policy. This policy will effectively outline that no employee can be reprimanded, ostracized, or retaliated against for speaking up against wrongdoing that they witness. In a perfect world, every reporting employee can stay anonymous. However, should anything happen that reveals the identity of an employee, they should not fear their employment or status in the workplace.

Working toward ethical mines nationwide is an ongoing effort. Implementing mechanisms to facilitate on-site and off-site reporting that employees feel safe utilizing is paramount for addressing concerns efficiently. Remember, the importance of comprehensive training when

enforcing the use of whistleblower hotlines. Ultimately, the strength of a mining company's ethical practice hinges on its ability to listen to and act upon the concerns of its workforce, making whistleblowing not just a mechanism for reporting but a foundational element for ethical governance and sustainable success in the mining sector.

Shannon Walker is the founder of WhistleBlower Security Inc. (WBS) and executive VP of Strategy at Case IQ. WBS provides ethics, compliance, and loss prevention hotlines, along with IntegrityCounts, a proprietary case management platform for organizations globally. Walker frequently speaks around the world on whistleblowing, ethics, corporate culture, and diversity. ☯

PDAC 2024 Convention welcomes the world to the premier mineral exploration and mining event in Toronto



The Prospectors & Developers Association of Canada (PDAC) was thrilled to welcome 26,926 participants to Toronto for the best business, investment, and networking opportunities in the mineral exploration and mining industry. With more than 1,100 exhibitors, including governments, companies, and leading experts from around the world, PDAC 2024 was one of the largest events in the association's history.

“PDAC 2024 carried forward

the convention's 92-year legacy, serving as the premier venue for unveiling new trends, technological innovations, and industry discussions,” said Ray Goldie, PDAC president. “Once again, PDAC was proud to showcase a rich array of programming including capital markets, Indigenous relations, student and early career development, and sustainability.”

Keynote speakers included Jakob Stausholm, CEO, Rio Tinto; Michael Stanley, Mining Lead, The World Bank; Denise Johnson, group

president, Resource Industries Caterpillar Inc.; and Wojtek Wodzicki, the Lundin Group Vicuña exploration team.

The convention provided a venue for dialogue between industry and government. PDAC's leadership seized the opportunity to underscore the important role public policy has in supporting the competitiveness of Canada's mineral sector.

“Canada is poised to lead the green transition as the supplier of choice for responsibly sourced critical minerals,” said Goldie. “It is imperative we bolster our critical mineral wealth, and we cannot ignore the foundations of our mineral industry.”

Thank you to everyone who participated in PDAC 2024, including our volunteers, speakers, sponsors, and participants. We look forward to welcoming you back March 2-5, 2025 for PDAC 2025.

Visit www.pdac.ca/convention for more information. 🌐

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The advertisement features a background image of a mine tunnel. It includes four inset photos: a yellow shaft sinking winch, a portable mine rescue system on a trailer, a large production and service hoist, and a conveyor belt tensioning winch. The company logo and tagline are at the top, and contact information is at the bottom.



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HydroTech Mining - We sell dewatering



Water removal (dewatering) is critical for ensuring smooth operations in the mining industry. Is it possible to avoid headaches when facing this crucial situation? With its many locations across Canada, HydroTech Mining collaborates with mining companies to resolve their water pumping issues and avoid unwanted and costly downtimes with their dewatering and clarification solutions. Cheyne Poirier, chief executive officer of HydroTech Mining, sat down with the company's sales and marketing director, Nicolas Poirier, for a conversation highlighting how they can become your partner for managing mine dewatering and be a vital part of your operation's success.

Nicolas Poirier: What is the mission of HTM?

Cheyne Poirier: HydroTech Mining's mission is to provide the most comprehensive and durable mine dewatering and clarification solutions for the mining market. Our business model is driven by collaboration between our customers and HydroTech Mining's team members. This approach helps customers see **the company as a partner rather than a supplier.**

NP: What is the vision of HydroTech Mining?

CP: We aim to make HydroTech Mining an integrated, sustainable go-to solution for all mine dewatering needs in Canada and abroad. Our solutions are designed with quality,

durability, and environmental responsibility in mind, making sustainable development one of the company's core values.

NP: Why choose HydroTech Mining as a business partner?

CP: With our diversified competencies, market knowledge, and existing products, we assure professionalism, promptness, and efficiency. Many choose us to develop and execute their projects. HydroTech Mining offers expertise from people who understand your needs and are committed to innovative dewatering and clarification solutions. Our solutions are tailored to each application and built to remain effective throughout your operation's lifecycle.

NP: What is the secret of your success?

CP: Focusing on our clients' needs, we approach every customer demand as unique and custom-build our systems to your requirements. Our custom-made dewatering solutions are crafted with high-quality equipment and parts that will be cost-effective in the long run due to their low maintenance costs. HydroTech Mining's highly experienced sales team is always available (24/7 emergency calls) and determined to provide you with the solution you need, backed by our creative and expert engineering team.

NP: Do you have any clients on the international market?

CP: Most of our clients are based in Canada, the United States, or Mexico. We provide solutions to clients in Africa and are currently developing business in South America from our Mexico location.

NP: Any new innovations for the future?

CP: Our goal is to develop turnkey mine dewatering stations. These systems are built and tested before delivery, reducing start-up time. We provide plug-and-play setups to assist with labour reduction. Given that most mines are remote, having ready-to-use equipment reduces costs and time. Simply plug in the electricity and discharge pipe, and they are ready to go, often on the same day. Although our products can pump dirty water, solids accumulate in sumps, requiring cleaning. Our water clarification solution handles sump cleaning, allowing your equipment to focus on ore production while we manage the sludge.

NP: What is the long-term vision of the company?

CP: "Where there is a mine, there's HydroTech Mining." It doesn't matter where your mining project is located, your needs are generally the same around the globe.

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Britannia Mine Museum unveils new exhibit on mine safety

Britannia Mine Museum is excited to announce its summer exhibit, “Rock Solid: Safety in Mines.” This fascinating exhibition delves into the world of mine safety, showcasing its evolution and the innovations that have transformed the industry. The exhibit promises to offer a comprehensive look at the critical measures that ensure the safety of miners.

The “Rock Solid: Safety in Mines” exhibit provides an in-depth exploration of the advancements in safety practices that have revolutionized mining. From the perilous conditions of early mining operations to today’s cutting-edge safety technologies, the exhibit highlights the continuous efforts to protect miners’ lives. Through a

captivating collection of photographs, artifacts, and videos, visitors will gain a unique perspective on the historical and future developments in mine safety.

The exhibit is structured around five key areas, each focusing on a different aspect of mine safety:

Doctors’ office: This section highlights the medical advancements that have supported miners, showcasing how medical practices have evolved to meet the unique challenges of the mining environment.

Mine rescue, first aid training, and competitions: Visitors can appreciate the bravery and skill of mine rescue teams in this section, which celebrates their dedication and specialized training.



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Visitors can appreciate the bravery and skill of mine rescue teams in this section, which celebrates their dedication and specialized training.

Personal protective equipment (PPE): This area explores the evolution of protective gear, from rudimentary early designs to the sophisticated equipment used today, underscoring its vital role in safeguarding miners.

Underground safety: Discover the techniques and protocols developed to maintain safety in hazardous underground environments. This section highlights the continuous improvements in safety procedures.

Future mine safety technology: Peer into the future with a look at emerging technologies poised to revolutionize mine safety. This forward-looking section offers a glimpse into how technological advancements will continue to enhance safety measures.

Visitors to the Britannia Mine Museum this summer will find themselves immersed in the captivating story of mine safety, gaining a deeper appreciation for the advances that have made mining a safer industry for all those who work beneath the earth's surface.

Located just 45 minutes north of Vancouver on the scenic Sea-to-Sky highway, the Britannia Mine Museum offers a blend of educational and entertaining experiences for visitors of all ages.

Rumble aboard The Underground train as it rolls through an historic mining tunnel. Push up your sleeves at our Gold Panning Pavilion and keep what you find! Immerse yourself in the award-winning, multi-sensory experience of BOOM! as you learn about copper extraction, mill history, and what life was like back in the day.

Britannia Mine Museum opens a little-seen world that fascinates all ages, offering awe-inspiring sights and memorable family experiences. Take a step back in time at this award-winning attraction and National Historic Site. Located along the scenic Sea to Sky corridor/Highway 99 between Squamish and Vancouver. See you soon! 🎉



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Prepare for new rules on first-aid requirements coming November 1, 2024

By Alexandra Skinner

Upcoming changes to the Occupational Health and Safety Regulation for the provision of first aid have implications for the mining sector.

The Health, Safety, and Reclamation Code for Mines in British Columbia (Section 3.6.1) requires managers to provide and maintain first aid supplies and services according to WorkSafeBC standards. Effective November 1, 2024, changes to WorkSafeBC's Occupational Health and Safety Regulations regarding occupational first aid will come into effect. All employers in B.C. must prepare for these changes and reassess their workplace first aid requirements accordingly.

The current first aid requirements have remained largely unchanged for nearly 20 years. Advances in first aid training and equipment, along with need to align with national standards from the Canadian Standards Association (CSA), have prompted this update.

WorkSafeBC regulations will require the following changes:

EMPLOYERS MUST ASSESS WORKPLACE FIRST-AID REQUIREMENTS

Under the new requirements, employers must consider four factors when determining the minimum levels of first-aid supplies, facilities, and attendants required at a workplace.

1. Number of workers at the workplace.
2. The Hazard Rating assigned to industry. The hazard rating assigned to mining activities is typically high. Information can be found here: Find your classification unit, industry, or rate – WorkSafeBC.
3. Is the workplace “remote”: Under the new regulations, a workplace that is considered “remote” is one that is more than 30 minutes surface travel time from the nearest ambulance station.
4. Is the workplace “less accessible”: Under the new regulations, a workplace that is “less accessible” cannot safely be accessed by ambulance, or it includes one

or more hazardous work areas that cannot be safely accessed by ambulance personnel. Many mining workplaces will be considered “less accessible.”

FIRST AID PROCEDURES AND DRILLS

Under the new requirements, employers must have up-to-date written procedures for providing first aid and transporting an injured workers to medical treatment. Employer must also maintain the proper tools to move a worker from where they were injured to where an ambulance or helicopter can safely pick them up. This plan should be developed with input from workers before any work begins.

The new regulation also requires drills to be conducted at least once per year, or when procedures change. Drills should include mock scenarios.

EMERGENCY TRANSPORTATION

Mining employers will need to determine how workers working in high-risk, less accessible work sites will be transported to medical treatment in the event of injury. The amendments allow for more flexibility in the type of emergency transportation selected, however, emergency transportation must meet the following requirements:

- The transportation vehicle must be capable of safely transporting both a first-aid attendant, as well as the injured worker on a secured stretcher.
- Have an effective means of communication between the first-aid attendant and the operator of the transportation.
- Be designed and equipped to secure injured workers, protect from natural elements and dust, maintain normal body temperature, and allow adequate space for the first aid attendant to provide treatment to the injured worker.

If air transportation is the primary or only method of emergency transport, employers must also ensure that an appropriate aircraft and compatible stretchers are reasonably available when work is occurring.

Advances in first aid training and equipment, along with need to align with national standards from the Canadian Standards Association (CSA), have prompted this update.

FIRST-AID CERTIFICATIONS

To align with CSA standards, terminology for certifying first-aid attendants is being updated. These changes will not impact the validity of existing certificates held by attendants and will only apply upon renewal.

- Basic Certification: Formerly Level 1, this level remains largely unchanged.
- Intermediate Certification: Formerly Level 2 will require a two-day course instead of the previous five-day course.
- Advanced Certification: Formerly Level 3, no significant changes beyond the name adjustment.

It is important to note that the Schedule 3-A tables that outline minimum levels of first aid required by workplaces are also changing, which may mean some workplaces will require a different level of first aid services than they had in the past.

The changes in regulation also mean that many more workplaces will require first-aid attendants to complete a course in Transportation Endorsement.

FIRST-AID KITS

First-aid supplies will need to meet CSA standards under these updates. Current first-aid supplies can be used until they are depleted, but as supplies are replaced, or new kits are purchased, they must align with the new requirements.

IMPORTANT DATES

Training providers are expected to start delivering new courses in July 2024.

To alleviate pressure during the transition period, several measures will be put into effect:

- First-aid attendants who hold valid OFA level 1, 2, and 3 first-aid certificates will continue to be recognized until the date of expiry, up to November 1, 2027.

Current certifications will be accepted as equivalent to Basic, Intermediate, and Advanced certificates under the new system.

- Valid Level 2 first-aid certificates that expire between July 2nd and October 31, 2024, will be accepted as valid until November 1, 2024.
- Employers wishing to utilize first-aid attendants holding the new Intermediate Certificate prior to November 1, 2024, will be able to do so if all other requirements of the amended first-aid regulation are also put in place.

RESOURCES AND GUIDELINES

- Visit Part 3: Minimum Levels of First Aid to view the full text of the OHS Regulation amendments.

Alexandra Skinner is the manager, government, and media relations at WorkSafeBC. 🌐



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From local to global: How exporting can advance your B.C. business



Whether your company is big or small, exporting can grow your business. And while your local market is a great starting point, it will only take you so far. There are more than five million British Columbians today, but getting your business ready to export can open you up to new markets in the billions.

BENEFITS OF EXPORTING

When you export your goods or services, you reach new markets with potential new customers, benefits, and cost-saving opportunities.

You can benefit from higher sales volumes when your customer base is growing. Higher sales volumes will decrease your production costs and help to create cost savings through economies of scale.

Entering new markets also means connecting with new opportunities. You could discover a grant or funding that you're now eligible for, or you could meet with new potential business partners.

Finally, a big benefit to exporting is that it diversifies your business. This will help you by insulating your business from fluctuations in the local market, especially when competition increases in your region.

WHY WORK WITH AN EXPORT ADVISOR?

Export Advisors are located throughout B.C., and you'll be matched with one who's familiar with the local business landscape in your region. Advisors connect businesses with resources, industry connections, and support services on the way.

When you meet with your advisor, they will do an assessment of your business's export readiness. Then, they will be with you step-by-step on your export journey, allowing you to go at your own pace.

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Export Navigator simplifies a complicated process into a step-by-step system. The Export Pathway has four stages: awareness, planning, market entry, and market development and growth.

1. Awareness

This stage assesses your awareness of exporting as a growth strategy and your export readiness. You'll also start to build your international network and work on your business expansion plan.

2. Planning

The planning stage includes identifying, researching, and narrowing down the markets that your product or service has a potential to succeed. Once you have validated the chosen markets, you'll develop an extension of your business plan that is focused on planning and executing the export strategy.

3. Market entry

The market entry stage is where the rubber hits the road. You will implement your export plan, and work towards making your first sale in your new market. This may include attending trade shows, trade missions, and B2B meetings in your chosen markets.

4. Market development and growth

Once you're in the market, it's time to sustain your presence, get help with any troubleshooting that comes up, and continue to grow.

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The first step to joining the free Export Navigator program is to fill out the "Find an Advisor" form. In less than five minutes, you will find out if your business is eligible for the program.

Then, eligible businesses are connected with an Export Advisor. Your advisor will reach out to learn more about your business and provide you with an intake form. Once you're accepted into the program, your advisor will offer one-on-one guidance to help you reach your exporting goals.

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Teck focuses on meeting global need for energy transition metals

By Jonathan Price, President and CEO, Teck

2024 marks a new era for Teck as we complete our transformation into a purely energy transition metals company. Moving forward, we are focused entirely on providing metals that matter for global development, the energy transition, and securing the critical minerals supply chain, with a particular emphasis on copper.

For good reason. Because of its role in generating and moving electricity, copper is one of the most important metals for the clean energy transition,

an essential and irreplaceable component in everything from wind turbines to electric vehicles and charging stations.

For example, the average electric car requires about four times as much copper as a gas combustion vehicle. Just one single 3-Megawatt wind turbine needs up to 4.7 tonnes of copper. Every megawatt of solar power requires about five tonnes of copper. All in all, renewable energy systems can require up to 12 times more copper compared to traditional energy systems – and as the world works to decarbonize and fight

climate change, copper for renewable power is a major contributor to the doubling of copper demand by 2050.

Teck is in an excellent position to help bridge the expected copper supply gap as we work towards doubling our consolidated copper production this year with the ramp-up of our Quebrada Blanca (QB) mine in Chile, which will make us one of the world's top 10 copper producers.

Beyond QB, Teck also has a strong pipeline of near-term copper projects throughout the Americas to drive our copper-focused growth, including in British Columbia. That includes

a proposed project to extend the operating life of Canada's largest copper mine, Highland Valley Copper (HVC). The HVC Mine Life Extension Project would yield nearly two million tonnes of additional copper over the life of the project and extend the life of HVC into the mid-2040s. We are also advancing the Galore Creek Project in northwest B.C., one of the world's largest undeveloped copper-gold-silver deposits.

These projects represent not only an opportunity for Teck, but B.C.'s mining industry to play a significant role in helping the world decarbonize – by helping meet demand for one of the most-needed materials for the energy transition.

To help meet the growing need

for critical minerals necessary for electric vehicle (EV) batteries, we are also studying the potential for constructing an EV battery recycling facility to reclaim critical minerals, including lithium, nickel, and cobalt. If it moves ahead, the facility would be located at our Trail Operations in B.C. – and would be the largest in western North America, with capacity to recycle up to 140,000 EV batteries per year.

As a responsible Canadian resource company, the core of our business and central to every decision we make is sustainability. Strong social and environmental performance is both central to our purpose and our values, and essential to our ability to operate and grow. In addition to our industry-leading climate and

nature protection programs, all of Teck's metals operations are now verified and recognized through the Copper Mark and Zinc Mark program for their environmental and social performance.

Our commitment to sustainability has consistently been recognized, including as one of the 2024 Global 100 Most Sustainable Corporations by Corporate Knights for the sixth consecutive year, and named to the Dow Jones Sustainability World Index in 2023 for the 14th consecutive year.

Teck has a long and proud history in B.C.'s mining industry, and as we move into the next phase of our evolution as a company, our focus is on responsibly producing the metals needed for a cleaner future. 🌱



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a complete portfolio of mining and tunnelling solutions for the entire process chain, including processes such as concrete spraying, underground logistics, explosives charging, scaling, lifting, and installation works. Today, we keep an eye on the future with digitalisation, extended reality, and automation technologies to improve the overall efficiency and sustainability of underground operations.

Headquartered in Finland, we employ over 1,800 dedicated professionals in more than 50 locations in 30 countries around the world, committing to long-term, mutually beneficial partnerships that create value in our industry and society as a whole.

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