

Transportation Safety

Teck Trail Operations

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Teck

At Teck Trail Operations, products and materials are shipped and received by rail and truck. We receive about 1 million tonnes of feed material annually, and ship out approximately the same amount of product as virtually all of the feed is converted into a usable product. At Teck, safety is a core value. Trail Operations complies with all applicable rules and regulations in all aspects of our operation including transportation. We focus on continuous improvement when it comes to identification of hazards and assessment of risks, training and education, emergency preparedness and incident investigation.

Truck Safety

Contracted trucking companies own the trucks that transport materials to and from Teck Trail Operations. Trucks meet all Ministry of Transportation requirements, including regular inspections and weight allowances. All equipment operators and drivers are appropriately trained and have all required certifications. Loads are secured before leaving our site, with multiple checks in place. There are also specialized trucks and precautions in place for more dangerous goods including liquid sulphur dioxide, sulphuric acid and anhydrous ammonia:

- International Raw Materials or IRM, who arranges for transport of sulphuric acid by truck, has rigorous safety procedures in place including regular inspections and maintenance of all equipment, and multiple checks of every load.
- Safety programs are also in effect for truck transportation of liquid sulphur dioxide and ammonia.
- Trail Operations conducts regular audits of transport to ensure all appropriate standards are being met.

Rail Safety

Trail Operations also ships and receives several products by CP and BNSF rail including sulphuric acid, fertilizer, metals and concentrates. CP trains travel to and from our site once a day, at 10 miles per hour. Material transport on BNSF is first trucked from Trail Operations to transloading facilities in Waneta before being loaded onto BNSF rail to ship throughout the United States. Studies have demonstrated rail shipping is four times more efficient compared to shipping by truck, with 75% fewer GHG emissions.

- Trail Operations, CP and BNSF conduct safety checks before rail cars leave the property.
- Tracks are inspected regularly.
- Safety standards are in place for all rail cars with more stringent regulations for cars carrying hazardous materials.
- Liquid sulphur dioxide and ammonia are shipped by cars designed to withstand rollovers with a special type of valving that can retain the product in the car, even if the valve is damaged.



- Gondola cars with lids are used to carry other materials such as lead and zinc concentrates to prevent dusting.
- Trail Operations has extensive emergency training and capacity to respond to any emergency and will support rail companies with our Emergency Response Team.

Teck Trail Operations' Emergency Services demonstrates our stewardship of the transportation of our products and supplies, regardless of who owns, or has care and control of, the material at the time of transport or who is responsible for the transport. The team is highly specialized and conducts full-scale training exercises as illustrated in this photo.