

## Worker seriously injured from being squeezed between two vehicles

On August 10, at about 1:50 a.m., an operator was positioning his loader on a slope near a tractor to transfer explosives onto it. He put the clutch in neutral, put on the parking brake, and turned off the engine before getting off the loader to install the wheel blocks. Being unfamiliar with this loader, his tests did not allow him to see that the brakes on the driveline were worn, as the brakes released only intermittently. A mechanic was positioned between the two vehicles and was transferring the explosives to the tractor. Just at that moment, the loader shifted and squeezed him between the two vehicles. He suffered multiple fractures.

### Serious Accident

**Date:** August 10, 2014  
**Category:** Underground mine  
**Task:** Loading materials  
**Position:** Mechanic

### Causes of the Incident

- Prior to the incident, the parking brake repair was not effective, as the brake problem diagnosis was incorrect.
- The brakes on the driveline of the loader were defective.
- A worker was positioned between the two vehicles before the loader was secured.
- Parking and brake testing procedures were not observed.
- The workers did not know the brake testing procedure for this type of loader.



### Preventative Measures for the Employer

- Provide training for workers who are likely to use this type of vehicle on the brake testing procedure for this type of loader.
- Update the training on equipment with the same braking system and provide it to workers and mechanics.
- Review the parking procedure for machines with all workers and supervisors.

## Addition Information

### Regulations

- Regulation respecting occupational health and safety in mines, sections 181–182
  - Available online or for purchase at [www.publicationsduquebec.gouv.qc.ca](http://www.publicationsduquebec.gouv.qc.ca)

### Other documents

- Commission de la santé et de la sécurité du travail du Québec, Direction régionale de Chaudière-Appalaches. *Rapport d'enquête sur un accident mortel survenu le 29 octobre 2009*. Québec: CSST, 2010 Code: EN-003820
  - Available online at <http://www.centredoc.csst.qc.ca/pdf/ed003820.pdf>
- Toolbox Talks: *Chock and Block* (2009), SAFETY.CAT.COM. 1 p.
  - Available online [https://safety.cat.com/cda/files/765924/7/Chock%20and%20Block\\_V0211.1.pdf](https://safety.cat.com/cda/files/765924/7/Chock%20and%20Block_V0211.1.pdf)

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