

## Creighton Mine, Sudbury, Canada



**Customer:** Vale Inco  
**Location:** Creighton Mine, Sudbury, Ontario, Canada  
**Year of Completion:** 2007  
**Hoist supplied:** 18'- 0" Diameter Double Drum Production Hoist

DavyMarkham was tasked with producing a new hoist that was to be built up from existing bearings, and also required to fit all pre-existing foundations.

The former hoist had become cracked due to fatigue and had severe brake holding problems. As well as the rebuilding the hoist, DavyMarkham was also responsible for the refurbishment of the existing drive motor.

New disc brakes were installed in place of the existing calliper brakes together with a four channel brake system with ABB electrical controls.

Creighton mine is a highly productive mine, therefore the customer allowed only a limited shut down period of one month. During this period DavyMarkham successfully removed the existing hoist, installed and commissioned the new hoist allowing it to be back in production after a minimal shutdown time.

Total

Engineering

Capability

Last updated: 24.07.2009



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