

Notifiable and High Potential Incidents

NSW Metalliferous, Extractives and Other Non-Coal - March 2012

Please review and consider for relevance at your worksite.

Metalliferous, Extractives & Other Non-Coal

Electrical Energy (4)

MHSR 2007 CI 145(d)(ii) involving electricity, vehicle / machinery / other plant makes contact with energised high voltage source involving risk to person (1)

- Truck contacted high voltage electrical cable in underground mine roadway. Cable not securely fixed to roof and hanging into the upper part of the rib. Build up of material on floor and rib reduced drive clearances. [317606805001]

MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage (3)

- Electric shock whilst using grinder with damaged lead and wearing wet gloves. [317605891001]
- Electric shock occurred during welding task. Operator was wearing damp/wet gloves while holding onto top walkway and guard being welded [317606321001]
- Operator received electric shock while attempting to replace a broken 240 volt light globe over the jaw crusher. Circuit was not isolated prior to changing the globe and the operator touched the exposed, energized filament of the globe. [317607670001]

Explosives (3)

MHSR 2007 CI 145(e) uncontrolled explosion or fire (1)

- Underground loader operator was bogging out a fired end at a decline face when the loader bucket apparently hit and set off some misfired explosive from the previous firing. Flyrock struck the loader operators cabin, penetrating the cabin window and either rock or window glass struck the operator above the left eye which required stitches. [317606710001]

High Potential (1)

- During an explosives training course at a quarry an unexpected amount of wood from blasting a tree stump breached the designated exclusion zone. No injuries occurred as the participants were shielded during the blast. [317606217001]

Explosives Regulation 2005 : 39 Loss or theft of explosives or explosive precursors (1)

- Explosives stolen from underground magazine [317606233001]

Gas (1)

MHSR 2007 CI 145(g) uncontrolled issue of gas or fluids (1)

- Diamond drillers exposed to blast fumes when fumes entered working level via a previously drilled diamond drill hole. Drillers had a gas monitor that alarmed and drillers left area. [317606293001]

Mech Equip Fixed (1)

MHSR 2007 CI 145(g) uncontrolled issue of gas or fluids (1)

- Failure of crowd ram hydraulic hose on a loader resulting in oil sprayed over loader and cabin. The hydraulic hose on the crowd cylinder failed at the swaging allowing hydraulic oil to escape. This occurred during normal operations. The loader was inspected on a daily basis. A 500 hr service was carried out one month earlier where a visual inspection of hoses was conducted and found no defects. [317607115001]

Mech Equip Mobile (13)

MHSR 2007 CI 145(c)(ii) imminent risk of explosion or fire (1)

- An underground haul truck suffered a small fire in the engine bay which was extinguished by the operator with a hand held fire extinguisher. There were no injuries to any personnel. [317606760001]

MHSR 2007 CI 145(d)(ii) involving electricity, vehicle / machinery / other plant makes contact with energised high voltage source involving risk to person (1)

- Scraper truck driving through gate, clipping fence and knocking off supporting frame of energised wire to ground. No one received an electric shock. [317606686001]

MHSR 2007 CI 145(e) uncontrolled explosion or fire (3)

- Emulsion oversprayed from faulty valve onto work lights on vehicle heated up and caught alight. [317610142001]
- Employee noticed smoke coming from right hand wheel of trailer carrying a woodchipper upon arrival to site. Fire was promptly extinguished using a hand held fire extinguisher. Excessive friction due to loose bearing may have caused the small flame. [317606099001]
- A surface drill rig with just 700 hrs work had just completed a hole when the operator heard a popping sound, turned around and noticed flames around the air filters of the compressor. Although fitted with fire suppression, the operator extinguished the fire using a hand held fire extinguisher. There were no injuries. [317605987001]

MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations (1)

- A light vehicle travelling up the decline contacted a protruding blast gate which subsequently pierced the front and rear windscreens. No injuries. [317605903001]

MHSR 2007 CI 145(j) loss of control of vehicle or other machinery (1)

Metalliferous, Extractives & Other Non-Coal

Mech Equip Mobile (13)

MHSR 2007 CI 145(j) loss of control of vehicle or other machinery (1)

- A service truck descending a decline in an underground mine suffered a front brake failure. Steel fittings to the rubber brake line had corroded and failed resulting in a loss of brake pressure. The operator activated the emergency brake which applied the rear brakes which are wet brakes and which were still operable. The truck was brought to a controlled stop, turned into the wall, and the wheels chocked pending removal to a maintenance bay for inspection. A steel ferrule and clamp on the end of a rubber brake line to the front brake had become corroded and failed resulting in a blown brake hose and loss of brake pressure. The corrosion had not been identified by previous inspections due to the ferrule being coated with dried mud. [317606791001]

MHSR 2007 CI 145(k) overturning of vehicle or other machinery (2)

- While hauling material, dump truck operator experienced sun glare, was momentarily blinded and drove over safety bund into previous borrow pit area. Vehicle came to rest on its side, operator was unharmed and exited the vehicle. [317606508001]
- Rear tub of loaded 30 tonne six wheeled moxy truck rolled over on corner of haul road. Haul road had recently been wetted for dust control which may have contributed to truck rolling over. [317606576001]

MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort (1)

- Bogger bucket became entrapped in rill of block cave drawpoint. The loader entered too far into a partially hung-up drawpoint. When the drawpoint rilled the bucket became trapped. [317606855001]

Other Notifiable (2)

- LV rolled backwards with RH door opened, damaging door. Driver did not apply park brake. [317606952001]
- Operator of integrated toolcarrier closed door onto right hand and suffered open comminuted fracture to end of middle finger. Toolcarrier was parked on side to side slope with door opening to downward side. Operator, seated and supported with right hand on door frame, reached out to grasp door handle with left hand and pulled door shut with some force onto right hand. [317606894001]

High Potential (1)

- Blown hose on excavator, oil spread over cab [317613573001]

Structural Failure (1)

MHSR 2007 CI 145(h) abnormal inrush of fluid materials (1)

- Inrush of fill material into stope and onto two levels from pillar breach. [317605909001]

Water (4)

MHSR 2007 CI 145(h) abnormal inrush of fluid materials (3)

- Inrush of water into quarry area from river flooding. [317610534001]

- Heavy rainfall resulted in river flooding causing levy bank to collapse and flooding the pit area during the night. No equipment was lost. [317606742001]
- Heavy rainfall resulted in river flooding causing the levy bank (which was part of the pit road) to collapse and flooding the pit area during the night. No equipment was lost. Some equipment was stranded. [317607826001]

High Potential (1)

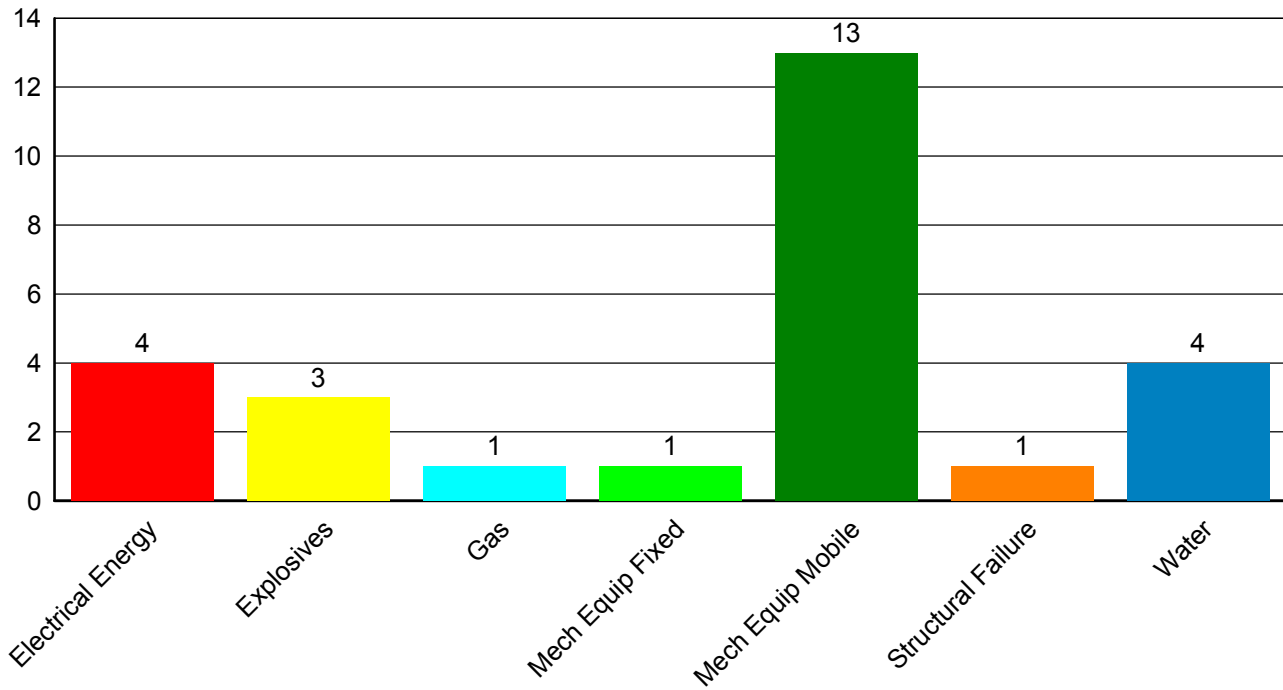
- Inrush of water from local flooding. [317607642001]

Number of Notifiable and High Potential Incidents NSW Metalliferous, Extractives & Other Non-Coal - March 2012: 27

Summary

Summary		Total
Electrical Energy	MHSR 2007 CI 145(d)(ii) involving electricity, vehicle / machinery / other plant makes contact with energised high voltage source involving risk to person	1
	MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage	3
	Total	4
Explosives	MHSR 2007 CI 145(e) uncontrolled explosion or fire	1
	High Potential	1
	Explosives Regulation 2005 : 39 Loss or theft of explosives or explosive precursors	1
	Total	3
Gas	MHSR 2007 CI 145(g) uncontrolled issue of gas or fluids	1
	Total	1
Mech Equip Fixed	MHSR 2007 CI 145(g) uncontrolled issue of gas or fluids	1
	Total	1
Mech Equip Mobile	MHSR 2007 CI 145(c)(ii) imminent risk of explosion or fire	1
	MHSR 2007 CI 145(d)(ii) involving electricity, vehicle / machinery / other plant makes contact with energised high voltage source involving risk to person	1
	MHSR 2007 CI 145(e) uncontrolled explosion or fire	3
	MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations	1
	MHSR 2007 CI 145(j) loss of control of vehicle or other machinery	1
	MHSR 2007 CI 145(k) overturning of vehicle or other machinery	2
	MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort	1
	Other Notifiable	2
	High Potential	1
Total	13	
Structural Failure	MHSR 2007 CI 145(h) abnormal inrush of fluid materials	1
	Total	1

		Total
Water	MHSR 2007 CI 145(h) abnormal inrush of fluid materials	3
	High Potential	1
	Total	4
Total		27



For further information, please contact your local NSW Trade & Investment Mine Safety Office.

A list of NSW Trade & Investment Mine Safety Offices and contact details can be found at :

<http://www.resources.nsw.gov.au/safety/mine-safety-offices>