

Notifiable and High Potential Incidents

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

Please review and consider for relevance at your worksite.

Metalliferous, Extractives & Other Non-Coal

Electrical Energy (5)

MHSR 2007 CI 145(d)(i) involving electricity, person suffers injury, receives medical treatment or unable to attend work (2)

- Fitter sustained a compound fracture to his thumb and temporary hearing loss when a jump start battery pack exploded due to the incorrect voltage being selected on the jump start battery pack. [317609649001]
- Operator tried using a hand drill which was not working. Operator wriggled lead then received electric shock in left hand and arm. Equipment in good order apart from a loose connection in the drill which possibly resulted in inductive arcing (overvoltage) and potential insulation failure at drill trigger. [317609970001]

MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage (2)

- Electric shock to left hand from 1000v circuit from incorrect isolation of electrical circuit. [317609458001]
- Fitter received electric shock to stomach area when using a pendant controller to operate an overhead crane in the surface concentrator. The area had been recently hosed down and it appears water got into the pendant controller. The control unit operates on 110 volts. [317609487001]

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

- A series of 33 kV faults resulted from an initiating fault on the mine's 33 kV system. Power was lost to the majority of the site, on the surface and underground. The principle issue of concern was the failure of an underground 33 kV cable splice which resulted in a fire which burnt in excess of two hours in that join. The fire did not spread beyond that join. [317610829001]

Mech Equip Mobile (10)

MHSR 2007 CI 145(c)(i) damage to any plant, equipment, building or structure (1)

- An operator of a dump truck did not lower the tray after tipping at a grizzly. As the truck drove away it came into contact with overhead pipework, causing the steel pipes to break and fall to the ground. It appears the operator was distracted in the cabin and did not consider the locality of pipework overhead. No injuries occurred. [317609282001]

MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery (2)

- Unattended vehicle with handbrake not applied rolled forward at mine main entry gate. [317609254001]

- An underground mine worker was attempting to attach a calibration weight to a loading flask located at the bottom of the haulage shaft. He and a mate were working in a loader bucket attempting to attach overhead suspension chains to the calibration basket which was also in the loader bucket. It appears that the calibration basket has prematurely slipped out of the loader bucket and fell into the adjacent haulage shaft. This unexpected movement has caused the worker to fall some 14 metres down the shaft. [317609180001]

MHSR 2007 CI 145(e) uncontrolled explosion or fire (2)

- A shotcrete truck had just trammed from underground to the surface to have repairs done to leaking hydraulic hoses on the spray boom. When the vehicle was parked at the surface tag board the operator noticed smoke, and then flames coming from the engine bay. He operated the AFFF fire suppressant system and extinguished the fire. Apparently hydraulic oil had drained from the leak into the engine bay - onto exhaust manifold lagging. Nil injuries and minor damage to vehicle. [317609531001]
- Fire in the engine bay of loader - Hydraulic hose burst and oil went onto the engine causing flame [317610191001]

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

- Haul truck travelling at low speed down main ramp lost traction and stopped perpendicular to traveling direction. Surface was wet and slippery due to light rain. No contact or injury. [317609244001]

MHSR 2007 CI 145(k) overturning of vehicle or other machinery (1)

- A service vehicle rolled onto its side as it mounted an embankment during the night in a fog. It appears the vehicle's right hand front tyre struck a large rock on the roadway causing the driver to lose control of the steering wheel and the vehicle to veer into the embankment. No injuries occurred. [317609402001]

Other Notifiable (2)

- Tyre fitter sustained dislocated toes after flange section of tyre rim was lowered onto right foot. [317609372001]
- A fitter working on a LHD unit's door mounted window wiper that had not been correctly isolated suffered a crush injury to his finger when the window wiper functioned whilst his hand was in the vicinity of the wiper motor and workings. [317609216001]

High Potential (1)

- A driller was conducting routine drilling operations when he lifted the boom to advance to the next hole. As he lifted the boom the housing and bush supporting the main pin holding the boom failed and the boom fell to the ground. A mechanical failure of the welds and surrounding housing has been progressive and the lifting of the boom has caused the entire assembly to fail. [317609833001]

Strata/Ground Control (1)

Metalliferous, Extractives & Other Non-Coal

Strata/Ground Control (1)

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

- While conducting clean up of rehabilitated area, a rockfall landed on bucket of loader. Loader was unable to be reversed under its own power and operator climbed out of window. [317608909001]

Work Environment (4)

MHSR 2007 CI 146(1)(d) spill or incident resulting in exposure or potential exposure of person to notifiable or prohibited carcinogenic substance (1)

- Two electricians removed panelling from a wall in a storage room and were exposed to asbestos dust and sheeting. It appears site management was not aware of the presence of asbestos material in the wall. [317609418001]

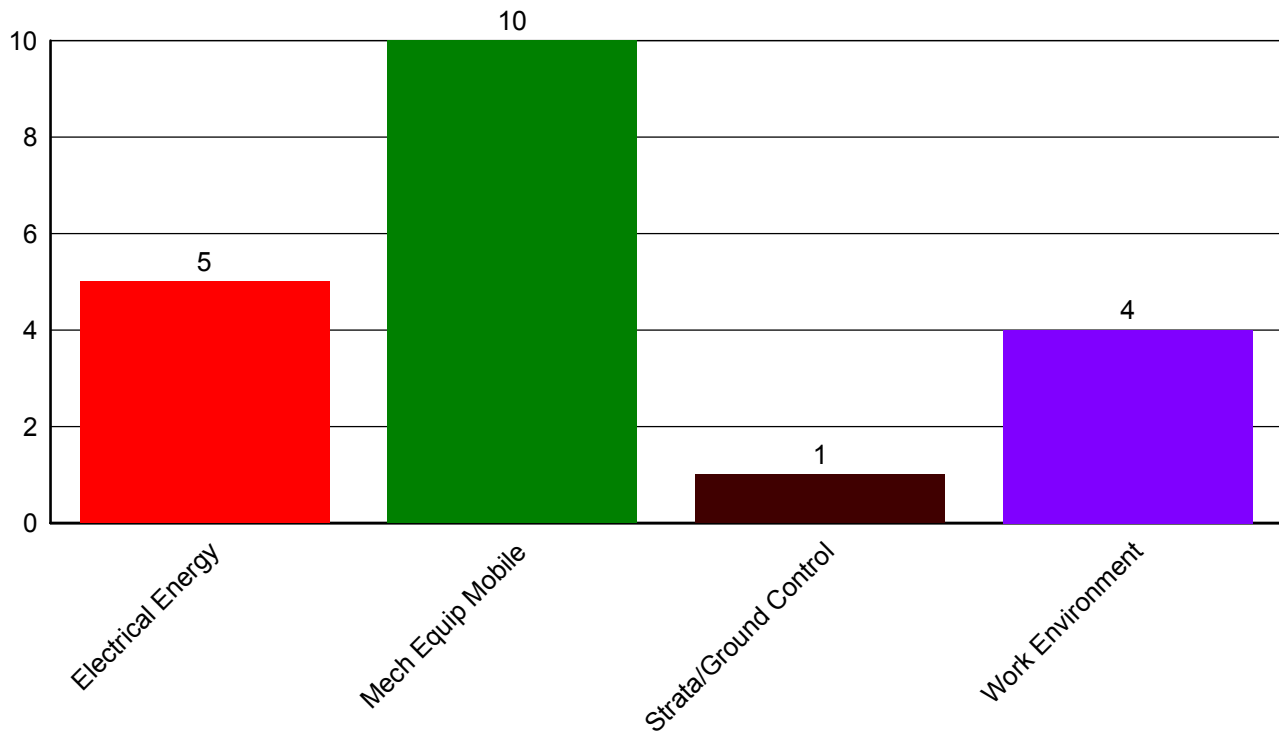
Other Notifiable (3)

- Operator injured shoulder resulting from slip from excavator [317613619001]
- Whilst replacing liners on screw shaft, operator directing crane movement of boom extension had finger caught between boom's rhino hook and mating mill liner resulting in finger tip amputation. [317609715001]
- Technician working on pump platform fell backwards from height. Left leg impacted on jack handle causing deep puncture wound. [317609763001]

**Number of Notifiable and High Potential Incidents
NSW Metalliferous, Extractives & Other Non-Coal -
June 2012: 20**

Summary

Summary		Total
Electrical Energy	MHSR 2007 CI 145(d)(i) involving electricity, person suffers injury, receives medical treatment or unable to attend work	2
	MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage	2
	MHSR 2007 CI 145(e) uncontrolled explosion or fire	1
	Total	5
Mech Equip Mobile	MHSR 2007 CI 145(c)(i) damage to any plant, equipment, building or structure	1
	MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery	2
	MHSR 2007 CI 145(e) uncontrolled explosion or fire	2
	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	1
	Other Notifiable	2
	High Potential	1
	Total	10
Strata/Ground Control	MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort	1
	Total	1
Work Environment	MHSR 2007 CI 146(1)(d) spill or incident resulting in exposure or potential exposure of person to notifiable or prohibited carcinogenic substance	1
	Other Notifiable	3
	Total	4
Total		20



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>