

# Notifiable and High Potential Incidents

## NSW Metalliferous, Extractives and Other Non-Coal - August 2012

Please review and consider for relevance at your worksite.

### Metalliferous, Extractives & Other Non-Coal

#### Electrical Energy (4)

##### MHSR 2007 CI 145(d)(i) involving electricity, person suffers injury, receives medical treatment or unable to attend work (3)

- An apprentice received a suspected electric shock while operating a 240v drop saw. No clear conduction path has been found despite extensive tests. [317611807001]
- Operator received an electric shock (tingle) when they contacted the metal surface of a device powered by a switched mode power supply whose supply plug did not include an earth pin. This issue is a known issue and is resolved by using switched mode power supplies with an earth connection for the EMI filter. The magnitude of the earth fault current was measured as 0.4 mA as is typical for this situation. [317611837001]
- Arc flash incident occurred whilst electrician was fault finding in motor control panel. [317611757001]

##### MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage (1)

- Operator picked up wet extension lead socket which was powered but not connected to a tool. He received an electric shock. The IP rating of a cord socket is meaningless if it is not plugged into a suitably IP rated socket and sealed accordingly. [317612353001]

#### Explosives (2)

##### High Potential (1)

- A misfire may have occurred when two holes slumped on a sleeping shot. [317613178001]

##### Explosives Regulation 2005 : 75(1)(c) incident involving explosives and involving risk of an uncontrolled explosion or fire or of any such death, injury or damage (1)

- Blasting operations conducted while two persons in blast district - they were located well away from blast area [317612663001]

#### Mech Equip Mobile (15)

##### MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery (1)

- The operator of an articulated haul truck suffered soft tissue injuries after getting out of the truck which was left running at the top of the ramp to monitor the spillage from unloading the truck into the main hopper. As they returned to the vehicle, the truck suddenly began to roll forward and in an attempt to get out of the way the operator slipped on the loose embankment and their legs were trapped beneath the rear wheels. [317612141001]

##### MHSR 2007 CI 145(e) uncontrolled explosion or fire (4)

- Fire on light vehicle spotlights caused by wiring fault. [317611310001]
- An operator refuelling a shotcrete agitator truck in an underground fuel bay spilled diesel fuel from a manual refuelling nozzle onto hot engine components which ignited a small fire on the engine. The operator activated the truck's fire suppression system which quickly extinguished the fire. There were no injuries or significant equipment damage. [317611671001]
- Fire at rear of mobile drill rig, caused by overheating of dc solenoid spool valve. Fire was detected by operator and extinguished with hand held extinguisher. Fault in winding coil lowered solenoid resistance resulting in excess current. [317612056001]
- A contractor's articulated service truck travelling on a surface haul road suffered a fire near the articulation point behind the cabin. The fire was extinguished with a hand held fire extinguisher. The park brake located on the propellor shaft near the articulation point was dragging and had overheated which initiated the fire. The air line to the park brake was kinked which compromised air flow and prevented the brake from properly disengaging. [317612345001]

##### MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations (3)

- Light vehicle slid into building causing windscreen to smash after driver exited vehicle [317611318001]
- Ute damaged when it rolled slowly backwards approx. 15-20m down airway after being parked with handbrake applied but engine on and transmission in neutral. [317611651001]
- An approaching loader collided with another while it was reversing near the weigh bridge - lack of communication between operators. [317612402001]

##### MHSR 2007 CI 145(j) loss of control of vehicle or other machinery (3)

- Uncontrolled movement of grader when operator was stopped, realigning the grader blade and the grader moved 1 metre through park brake. Initial investigation indicated a mechanical fault with the park brake. [317611498001]
- Tipping tray of a bin truck toppled to one side when it was in a raised position on a stockpile. No injuries. [317611739001]
- Braking systems failed on a dump truck while in operation. [317612593001]

##### MHSR 2007 CI 145(k) overturning of vehicle or other machinery (4)

- LV travelling down ramp in u/g mine at moderate speed on slippery road surface. Applied brakes to turn slightly at ramp 'Y' intersection and vehicle stalled, slid on road surface and rolled over onto drivers side. Driver was wearing seatbelt. Driver checked at mine for injury and returned to work. [317611286001]

## Metalliferous, Extractives & Other Non-Coal

### Mech Equip Mobile (15)

#### MHSR 2007 CI 145(k) overturning of vehicle or other machinery (4)

- Moxy truck tub roll over on tailings access road. Inexperienced operator and poor road conditions (wet). Possible mechanical problems to be investigated. [317611803001]
- Mobile plant incident - half full articulated dump truck. Tray tipped over whilst truck turning at low speed on clean dry stockpile area. [317612458001]
- Development Jumbo overbalanced onto left hand side while bolting due to rear jacks up and the position of the booms. Operator uninjured. [317613583001]

### Strata/Ground Control (3)

#### MHSR 2007 CI 145(n) unplanned fall of ground that impedes passage, disrupts production or ventilation or involves failure of ground support where persons could be present (2)

- A fall of shotcrete ground support approximately 11 metres back from the decline face. The fall occurred during the shift and was witnessed by two workers. The investigation will consider shotcrete quality (adhesion, fibre distribution and aggregate size) and application. [317611350001]
- Rock fell from wall near drawpoint [317612446001]

### Other Notifiable (1)

- When working in the service shaft, an object fell and struck a worker on the left hand resulting in a deep laceration to the hand and fracture of a finger. The injured person was flown to hospital and the broken bone was pinned. [317612236001]

### Work Environment (3)

#### MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery (1)

- Operator injured knee when foot slipped on damp track of excavator [317613011001]

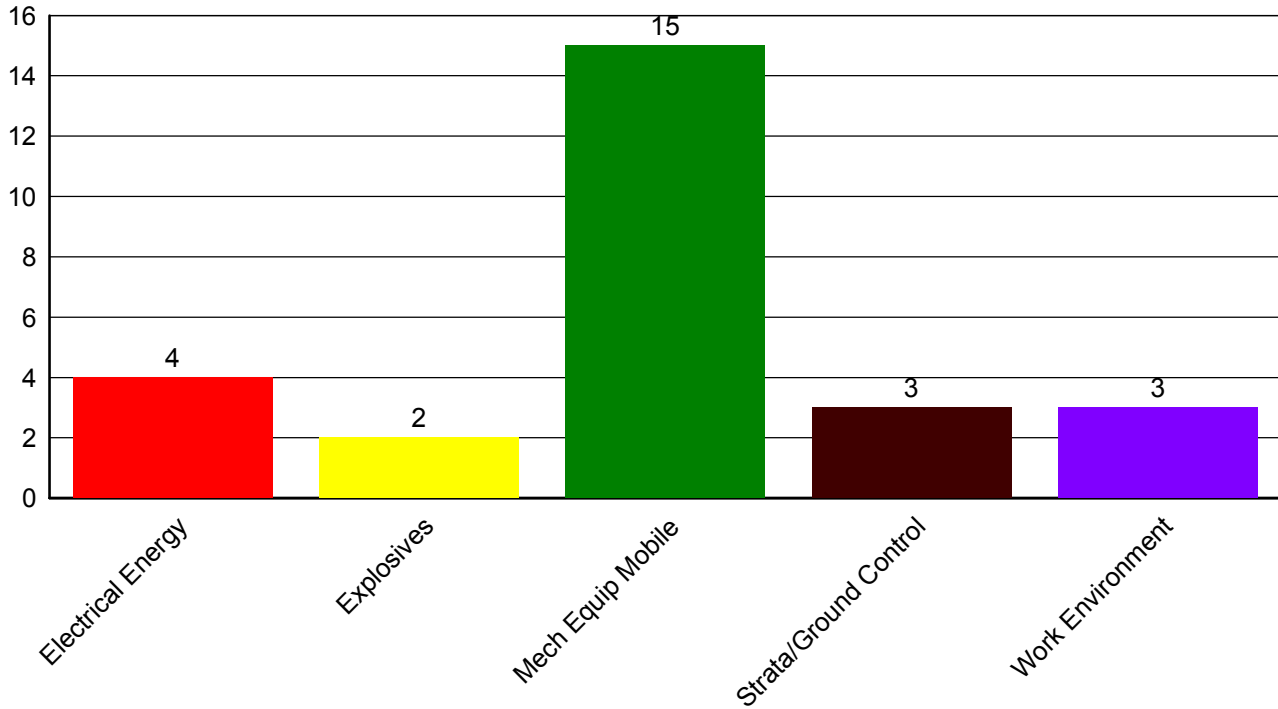
### Other Notifiable (2)

- Worker injured when head struck an unknown object. [317611653001]
- Loader operator was feeding bin with rock material and was unaware that another worker was attempting to remove a stick from the jaw crusher bin. The worker was struck by falling rock and sustained a fractured nose. [317612167001]

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

**Summary**

		<b>Total</b>
<b>Electrical Energy</b>	<b>MHSR 2007 CI 145(d)(i) involving electricity, person suffers injury, receives medical treatment or unable to attend work</b>	3
	<b>MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage</b>	1
	<b>Total</b>	4
<b>Explosives</b>	<b>High Potential</b>	1
	<b>Explosives Regulation 2005 : 75(1)(c) incident involving explosives and involving risk of an uncontrolled explosion or fire or of any such death, injury or damage</b>	1
	<b>Total</b>	2
<b>Mech Equip Mobile</b>	<b>MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery</b>	1
	<b>MHSR 2007 CI 145(e) uncontrolled explosion or fire</b>	4
	<b>MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations</b>	3
	<b>MHSR 2007 CI 145(j) loss of control of vehicle or other machinery</b>	3
	<b>MHSR 2007 CI 145(k) overturning of vehicle or other machinery</b>	4
	<b>Total</b>	15
<b>Strata/Ground Control</b>	<b>MHSR 2007 CI 145(n) unplanned fall of ground that impedes passage, disrupts production or ventilation or involves failure of ground support where persons</b>	2
	<b>Other Notifiable</b>	1
	<b>Total</b>	3
<b>Work Environment</b>	<b>MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery</b>	1
	<b>Other Notifiable</b>	2
	<b>Total</b>	3
<b>Total</b>		<b>27</b>



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

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