

# Notifiable and High Potential Incidents

## NSW Metalliferous, Extractives and Other Non-Coal - January 2013

Please review and consider for relevance at your worksite.

### Metalliferous, Extractives & Other Non-Coal

#### Electrical Energy (2)

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

- An electrical contractor received an electric shock whilst picking up a laptop from an uninterruptible power supply (UPS). Cover of the UPS was temporarily removed to aid cooling at the time of the shock. Electric shock believed to occur with contact to frame of the UPS and/or body of the laptop computer. UPS removed from service for investigation. [317617080001]
- An employee plant operator received an electric shock in a wet area, while operating a valve. Electrical potential at the valve appears to be the result of a high resistance fault in an adjacent low voltage motor. The injured person was taken to hospital for an ECG. [317617645001]

#### Mech Equip Fixed (1)

##### **MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment (1)**

- During a fault finding and correction exercise on a mine production winder, a technician from the control system supplier entered an incorrect parameter into the PLC 'on the run' and caused the skip to travel in the opposite direction into the mechanical safety device which retarded and arrested the skip. There were no injuries to any personnel. [317617396001]

#### Mech Equip Mobile (9)

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

- A mobile crane was being used to manoeuvre an overhead travelling crane beam onto existing crane runways in a store building. Three riggers were guiding the crane beam but were not using tag lines. The crane hoist trolley which was unsecured rolled down the crane beam and struck one of the riggers on the helmet knocking him into adjacent racking and then to the ground. [317617288001]

##### **MHSR 2007 CI 145(e) uncontrolled explosion or fire (5)**

- Truck operator smelled and witnessed smoke coming from engine bay while driving. The fuel hose had failed. The fuel hose was not clamped down, allowing the hose to rub up against the braided turbo cooling hose, leading to its eventual failure. [317617310001]
- From initial investigations, it would appear that a braided fuel line rubbed through on an energised electrical cable to the main isolator causing sparks and igniting the area surrounding the cables. The operator initiated the on-board fire suppression and also deployed a hand held extinguisher to ensure the fire was extinguished as quickly as possible. There were no injuries to any personnel. [317617064001]

- Electrical fire occurred on a light vehicle after being parked. Fire was located near positive battery terminal and extinguished by fire suppression system and hand held extinguisher [317617346001]
- A fire occurred in a water truck engine compartment. Cause was a cracked fuel injector line spraying fuel on hot engine parts causing vaporisation of fuel. [317617738001]
- A contractor's concrete agitator truck operating underground had a fire in the engine bay. The operator activated the fire suppression system which immediately extinguished the fire. Hydraulic oil escaped from a faulty hydraulic hose fitting and sprayed onto hot engine surfaces where it ignited. [317618016001]

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

- A dump truck reversed into a generator set. [317617736001]

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

- The trailer of a road truck tipped over onto one side. It was being lifted into the air to adjust the load within, while the tail gate was closed. [317617011001]

#### Other Notifiable (1)

- A Drill Rig operator tripped over while lifting the end of a 3.5 metre drill rod onto the back of a 4wd ute. He fell onto the ground with the drill rod coming to rest on his stomach. [317617306001]

#### Other (1)

#### Other Notifiable (1)

- A production operator sustained a 60mm long laceration on the back of his right hand when his hand contacted a hand saw that was protruding from a tool bag [317617302001]

#### 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)**

- Fall of ground from backs of travel way (approximately 500 kg) followed by minor uncontrolled inflow of hydraulic fill. [317617217001]
- Substantial fall of ground of approx 50 tonne from backs and sidewall between two closely spaced intersections [317617932001]

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

- Stope dirt rilled on the front of remote bogger trapping it against a wall adjacent to the drawpoint. [317617314001]

#### Structural Failure (1)

##### **MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment (1)**

## Metalliferous, Extractives & Other Non-Coal

### Structural Failure (1)

#### **MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment (1)**

- A small piece of concrete fell approximately 20 metres from a shaft headframe onto adjacent mine buildings. No injuries and no apparent building damage. The headframe is of reinforced concrete construction and approx 60 years old. There has been some shallow surface cracking and failure of the concrete possibly caused by corroded reinforcing and exacerbated by a recent spell of very hot weather. [317617231001]

### Water (1)

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

- Sandfill polypipe split causing sandfill to flow on and into a light vehicle and to partially flow up to a jumbo [317617492001]

### Work Environment (1)

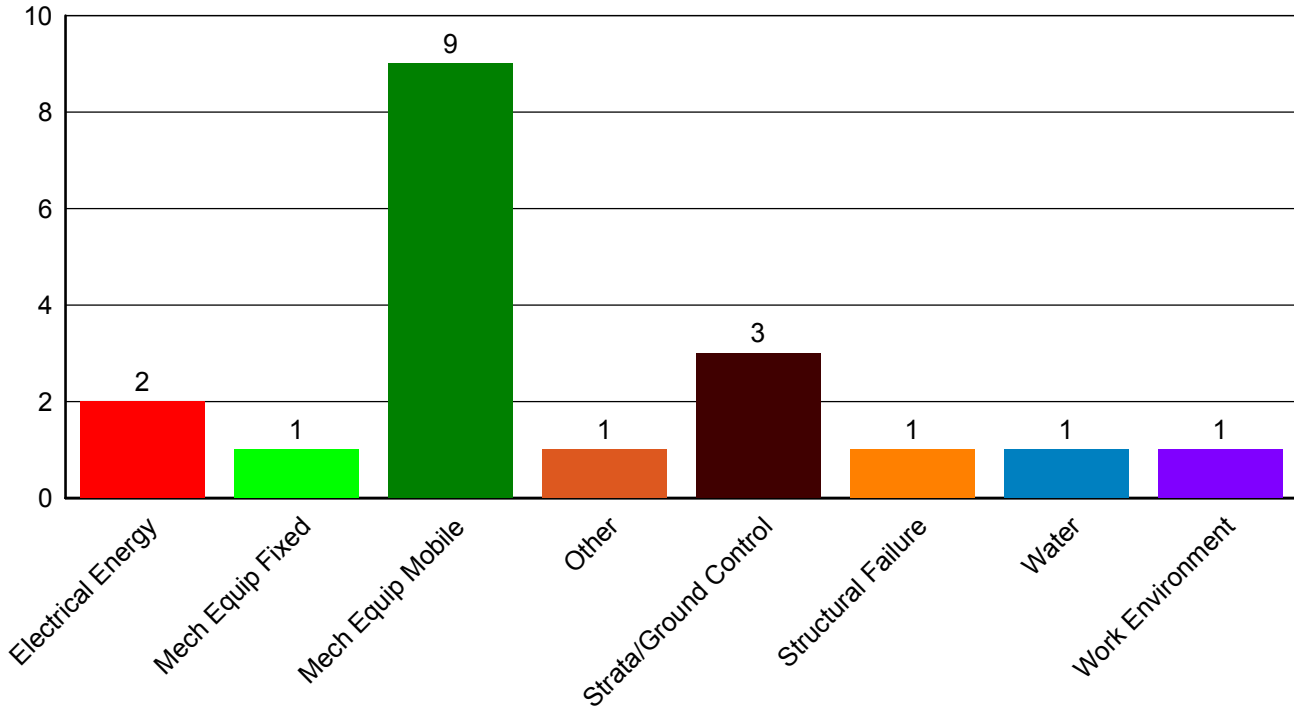
#### **MHSR 2007 CI 146(1)(g) progressive stope or progressive pillar collapse (1)**

- Failure of crown pillar after three rings fired in stope [317617764001]

**Number of Notifiable and High Potential Incidents  
NSW Metalliferous, Extractives & Other Non-Coal -  
January 2013: 19**

**Summary**

		<b>Total</b>
<b>Electrical Energy</b>	<b>MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage</b>	2
	<b>Total</b>	2
<b>Mech Equip Fixed</b>	<b>MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment</b>	1
	<b>Total</b>	1
<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>	5
	<b>MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations</b>	1
	<b>MHSR 2007 CI 145(k) overturning of vehicle or other machinery</b>	1
	<b>Other Notifiable</b>	1
	<b>Total</b>	9
<b>Other</b>	<b>Other Notifiable</b>	1
	<b>Total</b>	1
<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>MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort</b>	1
	<b>Total</b>	3
<b>Structural Failure</b>	<b>MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment</b>	1
	<b>Total</b>	1
<b>Water</b>	<b>MHSR 2007 CI 145(h) abnormal inrush of fluid materials</b>	1
	<b>Total</b>	1
<b>Work Environment</b>	<b>MHSR 2007 CI 146(1)(g) progressive stope or progressive pillar collapse</b>	1
	<b>Total</b>	1
<b>Total</b>		<b>19</b>



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>