

Notifiable and High Potential Incidents

NSW Metalliferous, Extractives and Other Non-Coal - November 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 (1)

- Fitter received electric shock from hand held electric jack hammer during crusher maintenance. [317615084001]

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

- An operator pushed a motor start button, and received a minor tingle but when he repeated the operation with a different finger decided that the first sensation was not that of an electric shock. A second operator later operated the same button and reported receiving an electric shock. The site was then preserved. Later investigations revealed the failed IP rating on the button had allowed such a small current to flow it was virtually below the level of normal human perception (< 0.5 mA). Poor maintenance in this high security area led to this problem. Immediate maintenance has been carried out with further scheduled. The plastic box is being replaced with an earthed metal enclosure and metal shrouded push buttons to prevent a re-occurrence. [317615458001]
- A contract construction worker received an electrical shock from a wet 240V hammer drill shortly after light rain at the work area. The victim was taken to hospital for ECG that proved satisfactory. [317616297001]

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

- Service crew operator suffered muscular pain when a triple fan starter contactor flashed over causing the panel door to burst open and striking the operator on the arm. The fan starter operates by 'jogging' the first fan's contactor to progressively fill the ventilating bag. This crude electrical starting technique has resulted in the contactor flash over as it was operating outside its rated parameters and possibly subjected to back EMF from the 110 kW motor under start. The control panel is not arc fault rated and not fit for this purpose. A full review has been commenced. [317615344001]

Mech Equip Fixed (2)

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

- An employee was removing a rock lodged between a conveyor belt and head drum. The employee used a sledge hammer to hit the rock, the rock exploded when hit with the sledge hammer causing a piece of rock to strike the employee's eye. [317615829001]

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

- Kibble winder tripped on a variable speed drive (VSD) fault as driving down to stage. Winder came to a controlled stop. Personnel on stage evacuated from shaft using stage winder. [317616559001]

Mech Equip Mobile (5)

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

- The turbo oil supply line on an underground haul truck failed allowing oil to spray onto a hot surface and igniting. The fire was extinguished and there were no injuries. [317615342001]
- A fire was observed underneath the turbo area of an underground haul truck. The on-board fire suppression was deployed manually extinguishing the fire. There were no injuries. [317615590001]

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

- A collision occurred between a private light vehicle and a heavy vehicle. [317615230001]

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

- Driver lost control of vehicle while driving down the decline. Slippery road. Inspection of vehicle and brake tests showed there was no mechanical problems with the vehicle. [317615501001]

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

- Loader stuck inside stope when rock came off side wall onto the loader. Loader retrieved next day. [317615628001]

Self Heating (1)

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

- A heat gun was being used to shrink plastic wrapping at a mine construction site. The gun was placed on the floor and has ignited a nearby cardboard box. The small fire was quickly extinguished. Nil injuries and minimal damage resulted. [317616235001]

Strata/Ground Control (2)

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 (1)

- A fall of ground (approximately 2 tonnes) has been discovered on the level adjacent the shaft access drive. The main part of the fall occurred in a disused area which had been barricaded off, to prevent 'unauthorised access'. Some of the fallen rock rilled into an adjacent access which is still used by mine personnel. Nil injuries and no damage. [317616007001]

Metalliferous, Extractives & Other Non-Coal

Strata/Ground Control (2)

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

- A 30 tonne excavator was laying piping over an area where storm water had been pooling when it suddenly sunk. The vehicle was bogged up to the cabin doors and the operator escaped through the escape hatch in the roof of the operators cabin. [317615594001]

Work Environment (1)

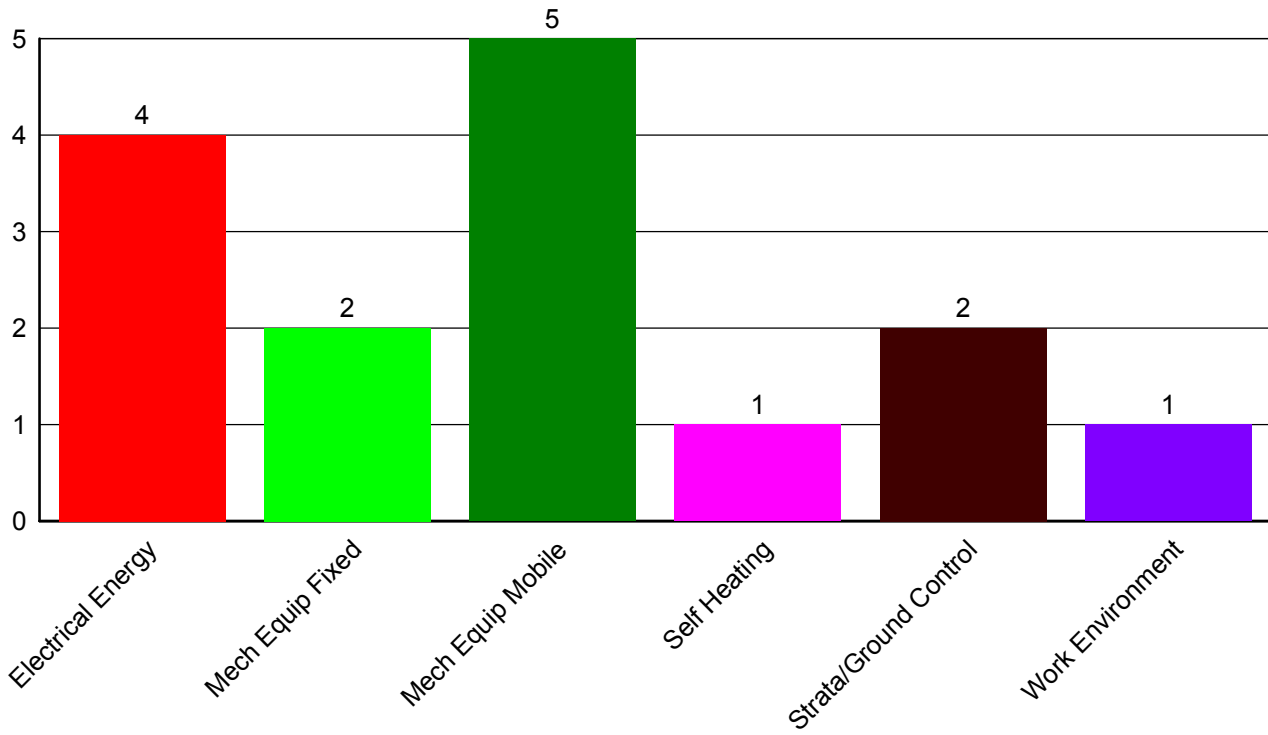
MHSR 2007 CI 145(e) uncontrolled explosion or fire (1)

- Fire on underfelt matting probably caused by discarded cigarette. [317616009001]

**Number of Notifiable and High Potential Incidents
NSW Metalliferous, Extractives & Other Non-Coal -
November 2012: 15**

Summary

| Summary | | Total |
|------------------------------|--|--------------|
| Electrical Energy | MHSR 2007 CI 145(d)(i) involving electricity, person suffers injury, receives medical treatment or unable to attend work | 1 |
| | 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 | 4 |
| Mech Equip Fixed | MHSR 2007 CI 145(c)(i) damage to any plant, equipment, building or structure | 1 |
| | MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment | 1 |
| | Total | 2 |
| Mech Equip Mobile | MHSR 2007 CI 145(e) uncontrolled explosion or fire | 2 |
| | 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(p) burial of machinery such that it cannot be recovered under its own tractive effort | 1 |
| | Total | 5 |
| Self Heating | MHSR 2007 CI 145(e) uncontrolled explosion or fire | 1 |
| | Total | 1 |
| Strata/Ground Control | MHSR 2007 CI 145(n) unplanned fall of ground that impedes passage, disrupts production or ventilation or involves failure of ground support where persons | 1 |
| | MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort | 1 |
| | Total | 2 |
| Work Environment | MHSR 2007 CI 145(e) uncontrolled explosion or fire | 1 |
| | Total | 1 |
| Total | | 15 |



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>