

Notifiable and High Potential Incidents

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

Please review and consider for relevance at your worksite.

Metalliferous, Extractives & Other Non-Coal

Electrical Energy (4)

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

- An operator was moving an energised pump cable when it developed a short circuit near his hand and emitted sparks from the cable. The operator was not injured. Investigations revealed that the cable was not fit for purpose. Actions taken to eliminate all such cables from the mine. OEM informed. [317610923001]

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

- Catastrophic failure of suspended 11kV feeder cable in shaft. Cable broke in two and fell down shaft. Under investigation. Evidence of severe corrosion on armouring in vicinity of cable separation. Failure of tail rope in shaft several days prior may have initiated cable failure. [317610730001]

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

- Electric shock received from work light - cracked/damaged insulation on lead [317610355001]
- Electric shock received by tradesman assisting boilermaker welding new hinges when contacted with electrode as boilermaker swung away from job. [317610744001]

Explosives (2)

MHSR 2007 CI 146(1)(f) problem or fault in explosive product or accessory (1)

- Un-fired pre-split explosive product. Suspected faulty product. [317610364001]

High Potential (1)

- Significant blast vibrations were felt in surrounding areas following an underground stope blast. [31761113001]

Mech Equip Fixed (3)

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

- Bearing overheated on jaw crusher motor causing smoke then flames [317610851001]

MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment (2)

- Shaft tail rope failure, approximately 25 metres below the main cage, caused by the effects of spillage which created a weak point in the rope. All persons on board the cage were recovered safely. [317610362001]

- Two operators were inspecting shaft skip head ropes from maintenance platforms installed across the shaft at the surface plat. The winder driver drove one skip up through a platform at creep speed lifting the platform and associated floor plates well clear of the floor. Risk controls were all procedural and were not adequate for the task. Limit switches or equivalent devices were not fitted. The operators were not on the platform and there were no injuries. [317610814001]

Mech Equip Mobile (11)

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

- Single boom jumbo lost balance while stationary. Footings were on soft ground and slipped. When boom was at full extension to the side, the footings slipped and jumbo over balanced. [317610346001]

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

- A hydraulic hose failure on a front end loader set off fire suppression system after the fluid contacted a hot surface and ignited. There were no injuries. [317610105001]
- Fire occurred on concrete agitator unit when a hydraulic hose failed. The fire was extinguished using a hand held extinguisher. A hydraulic hose failed in the articulation area spraying oil onto and impregnating the exhaust lagging which then caught fire. [317610447001]
- Underground concrete agitator truck suffered a small fire in exhaust lagging in the engine bay while travelling up a ramp in the underground mine. The onboard AFFF fire suppression quickly suppressed the fire with little damage and no injury. The truck's fast fill fuel tank was incorrectly fitted with a vented manual fill fuel tank cap and it is believed that the tank was overfilled and fuel escaped from the cap and splashed onto the adjacent exhaust lagging initiating the fire. [317610898001]

MHSR 2007 CI 145(i) collision involving vehicle or other machinery that results in substantial damage, impedes safe operations (2)

- Loader reversed into the side of a dump truck - Inadequate communication, unclear procedures about where to tip when loader was operational [317611779001]
- A 40 tonne forklift was driven under an overhead conveyor and caused significant damage when the mast hit the steel structure supporting the conveyor. The conveyor support steel work will need to be replaced. Following an independent assessment of the structure the conveyor was returned to service. Nil injuries, minor equipment damage and significant damage to the conveyor support steel work. [317611140001]

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

- Water truck rolled forward approximately 4m into wall when maintenance fitter working on park brake circuit started operating cabin lift pump to tilt the operating cabin. [317610150001]

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Mech Equip Mobile (11)

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

- A ship used to transport river gravel was not able to select reverse gear whilst docking. The ship manoeuvred away from the dock before anchoring and maintenance was performed. A locking pin used to secure a pin in the selector drive yoke had fallen out meaning that reverse gear could not be selected. [317610758001]
- Two men working in an elevated man basket attached to a stationary integrated tool carrier. As the basket was lowered to the ground the tool carrier moved backwards a short distance. No persons were injured. [317611000001]

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

- An articulated dump truck partially rolled over when it slipped over the side of the 'in pit bottom bench' - access road. Heavy rains had made the road slippery and the truck was conducting 'sheeting' work on the road at the time of the incident. The cabin rolled on its side and the tray remained upright. Nil injuries. [317610371001]

Other Notifiable (1)

- Miner installing resin rockbolts with hand held rock drill and air leg jammed hand between rock bolt dolly and backs when air leg extended quickly. Top of left hand middle finger amputated. [317610465001]

Work Environment (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 (1)

- A seismic event in development heading. No injuries. [317610445001]

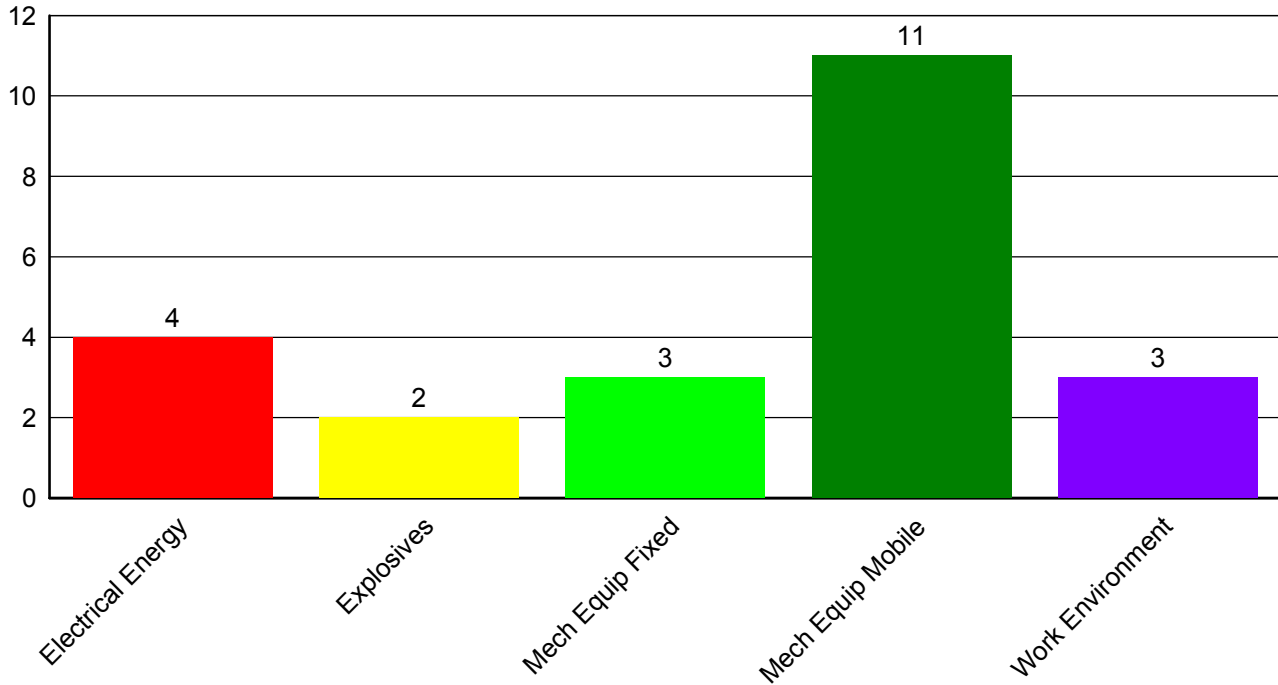
Other Notifiable (2)

- Worker standing in back of service vehicle tripped on shackle & fell hitting left shoulder on side of tray resulting in a minor fracture. [317610486001]
- An operator washing a haul truck sustained an eye injury when the high pressure hose flicked back and the minsup clamp on the hose hit his eye. Injury resulted in person being unfit to attend their usual place of work for a period greater than 7 days. [317611675001]

**Number of Notifiable and High Potential Incidents
NSW Metalliferous, Extractives & Other Non-Coal -
July 2012: 23**

Summary

| Summary | | Total |
|--------------------------|--|--------------|
| Electrical Energy | MHSR 2007 CI 145(c)(i) damage to any plant, equipment, building or structure | 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(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage | 2 |
| | Total | 4 |
| Explosives | MHSR 2007 CI 146(1)(f) problem or fault in explosive product or accessory | 1 |
| | High Potential | 1 |
| | Total | 2 |
| Mech Equip Fixed | MHSR 2007 CI 145(e) uncontrolled explosion or fire | 1 |
| | MHSR 2007 CI 145(m) failure of any part of powered winding system or damage to shaft or shaft equipment | 2 |
| | Total | 3 |
| Mech Equip Mobile | MHSR 2007 CI 145(c)(v) unintended activation or movement of vehicles/machinery | 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 | 2 |
| | MHSR 2007 CI 145(j) loss of control of vehicle or other machinery | 3 |
| | MHSR 2007 CI 145(k) overturning of vehicle or other machinery | 1 |
| | Other Notifiable | 1 |
| | Total | 11 |
| Work Environment | 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 |
| | Other Notifiable | 2 |
| | Total | 3 |
| Total | | 23 |



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>