

Notifiable and High Potential Incidents

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

Please review and consider for relevance at your worksite.

Metalliferous, Extractives & Other Non-Coal

Electrical Energy (1)

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

- 3 persons received electric shock while working on laptop computer in a damp environment. The high impedance voltage source was via the EMI filter in the laptop supply. The power pack was supplied from a two pin, 240 V plug socket. This is a known issue and can be resolved by using three pin (earthed referenced) power packs for PCs etc. The mine is phasing out all such supplies, starting with damp area applications. Note: Not all 2 pin non-linear supplies suffer from this issue. [317614850001]

Explosives (1)

MHSR 2007 CI 146(1)(e) significant misfire of explosives (1)

- Misfire caused by insufficient slack in wiring [317614709001]

Gas (1)

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

- Ignition of gas intersected with development firing. [317614099001]

Mech Equip Fixed (2)

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

- A fire ignited on the internal rubber lining of a cyclone feed hopper after a welded repair was effected. Emergency response called and there were no injuries. [317614620001]

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

- A 'scroll roller' attached to the skip on a production winder sheared completely off and fell back down the ore hoisting shaft damaging the fixed guide on the adjacent skip and proximity switches installed in the shaft. [317613894001]

Mech Equip Mobile (18)

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

- The operator of a telehandler inadvertently neutralised the machine whilst tramping it along the decline. He attempted to apply the primary braking system but it did not stop it and he subsequently turned it into wall to stop it. The machine suffered moderate damage. [317613948001]

MHSR 2007 CI 145(e) uncontrolled explosion or fire (9)

- A fire occurred on a transportable crusher at a quarry at night after the site was locked up. The site was unattended and the cause is under forensic investigation. [317614812001]

- Small electrical fire on a loader associated with cables and starter motor solenoid. Fire was extinguished immediately using fire extinguisher. [317613934001]
- A concrete agitator truck operating in an underground drive suffered a fire in the exhaust lagging. The turbo failed and oil had leaked into the lagging. AFFF failed to extinguish the fire and two extinguishers were used. Maintenance to be revised to include regular inspection of turbo and lagging and change out of lagging where oil is present. [317614074001]
- While air-arch-gouging a loader bucket with a torch, molten metal from loader bucket landed on plastic container and lid caught fire. No injuries occurred. [317614205001]
- The possible failure of a 'wiring loom' associated with the safety sensors has initiated an engine fire on a mobile crusher. The fire was extinguished with a portable fire extinguisher [317614440001]
- Hot gases escaping from a cracked exhaust ignited the engine compartment of an excavator. The fire was extinguished by the operator with a portable fire extinguisher. [317614598001]
- Small fire in the engine bay of a light vehicle from leaking diesel from an injector line onto the exhaust manifold. The fire was extinguished by operators who activated fire suppression. [317614596001]
- Whilst underground, the operator of a grader noticed flames emanating from the engine bay of his machine. The on-board fire suppression was activated automatically and the fire was extinguished. There were no injuries. [317614715001]
- A fuel leak from the injector rail of a grader caused a fire in the engine bay of the machine. It was extinguished by the on-board fire suppression system. No injuries. [317614911001]

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

- A collision between a 3 axle rigid truck and a 55 tonne off-road dump truck. No injuries sustained. [317613952001]

MHSR 2007 CI 145(j) loss of control of vehicle or other machinery (2)

- Teleremotes vehicle was not parked in accordance with mine procedure. The vehicle rolled backwards and struck the loader. [317613689001]
- Drill rig rolled into face after jacks were lifted on completion of drilling face. Ramp at 1 in 7 but floor in good condition. Park brake was out of adjustment and failed to hold rig. Park brake test and maintain procedure revised and operation of jacks procedure revised. [317614076001]

MHSR 2007 CI 145(k) overturning of vehicle or other machinery (3)

- While tipping off a load of material at the stock pile area the side tipping rear trailer overturned onto its side. The high moisture content was above the cartage level causing a 'hang up' causing the trailer to overbalance. [317617370001]

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**Number of Notifiable and High Potential Incidents
NSW Metalliferous, Extractives & Other Non-Coal -
October 2012: 29**

Mech Equip Mobile (18)

MHSR 2007 CI 145(k) overturning of vehicle or other machinery (3)

- Water truck tipped onto non-operator side into approximately one metre of tailings when the truck slipped off edge of causeway. Operator taken to hospital for precautionary assessment. [317614472001]
- A small barge involved in replacing the non metallic pipeline that was carrying sand from a dredge, flipped over when the operators lifted the pipe up from the water. [317615094001]

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

- While a loader was being operated on teleremotes a fall of material has struck the unit causing damage such that the unit could not be trammed out of the stope under its own power. [317614907001]

Other Notifiable (1)

- Truck operator sustained soft tissue injury and slight concussion requiring hospital admission, when a tyre blow out caused the operator to impact with the roof of the cab. [317614675001]

Other (1)

Other Notifiable (1)

- While walking down a steep batter, worker slipped and twisted right knee [317618995001]

Strata/Ground Control (1)

MHSR 2007 CI 146(1)(e) significant misfire of explosives (1)

- Misfire occurred while blasting to create a ramp for a new haulage road. A loose rock fell from the highwall and severed the non-electric connector line prior to initiation. [317614677001]

Water (1)

High Potential (1)

- A boat was taking gear across to a dredge. The load was too heavy and water lapped into the boat which sank before it reached the dredge. Operator was immersed in water as the boat sank. [317614093001]

Work Environment (3)

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

- Small grass fire occurred while dozer was being used to push trees. The dozer blade contacted rock resulting in sparks igniting dry grass covering the rocks. [317614695001]

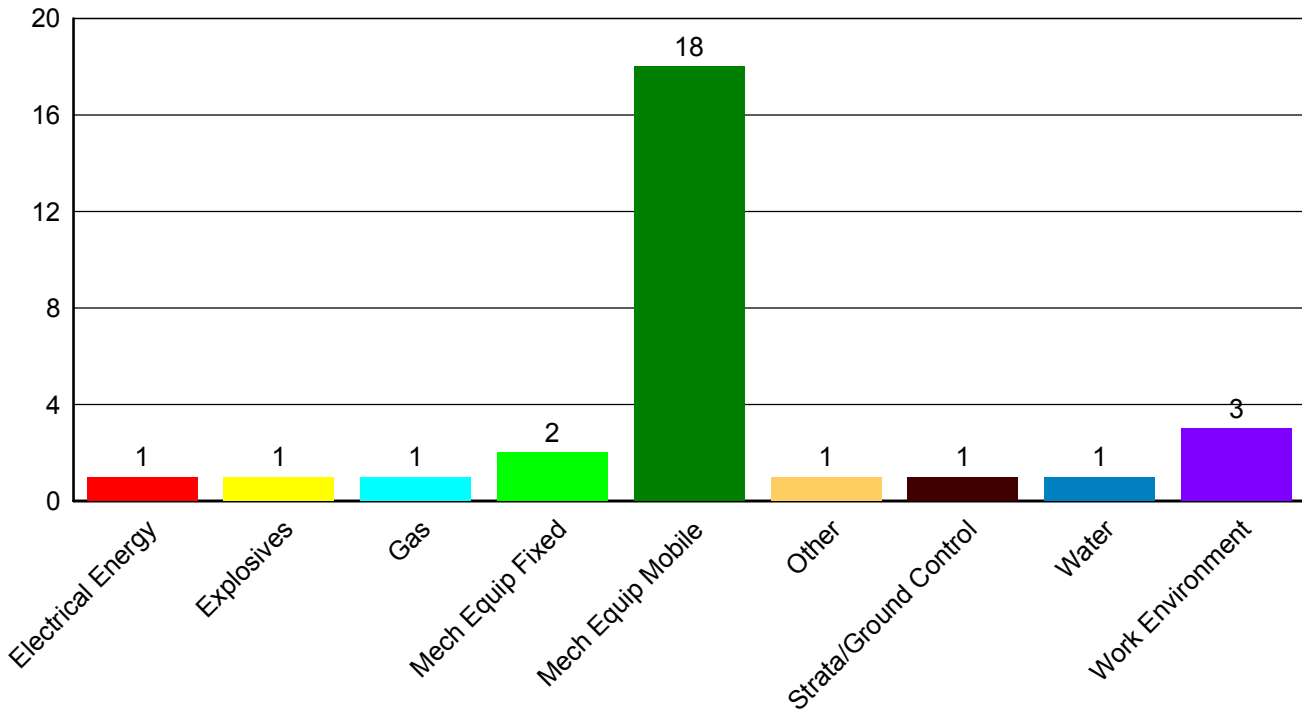
Other Notifiable (2)

- Worker injured shoulder and required surgery. [317622356001]
- An employee reported pain in right shoulder that had developed over the course of the shift whilst carrying out normal duties, resulting 11 days off from normal duties [317618911001]

Summary

		Total
Electrical Energy	MHSR 2007 CI 145(d)(iii) involving electricity, person receives electric shock from source operating above extra low voltage	1
	Total	1
Explosives	MHSR 2007 CI 146(1)(e) significant misfire of explosives	1
	Total	1
Gas	MHSR 2007 CI 145(e) uncontrolled explosion or fire	1
	Total	1
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	1
	Total	2
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	9
	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	2
	MHSR 2007 CI 145(k) overturning of vehicle or other machinery	3
	MHSR 2007 CI 145(p) burial of machinery such that it cannot be recovered under its own tractive effort	1
	Other Notifiable	1
	Total	18
Other	Other Notifiable	1
	Total	1
Strata/Ground Control	MHSR 2007 CI 146(1)(e) significant misfire of explosives	1
	Total	1
Water	High Potential	1
	Total	1
Work Environment	MHSR 2007 CI 145(e) uncontrolled explosion or fire	1

		Total
Work Environment	Other Notifiable	2
	Total	3
Total		29



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>