

## REPORTABLE INCIDENTS | WHS MINES LEGISLATION

# Weekly incident summary

**29 June 2016**

Note: While the majority of incidents are reported and recorded within a week of the event, some are notified outside this time period. The incidents in this report therefore have not necessarily occurred in a one week period. All newly recorded incidents, whatever the incident date, are reviewed by the Chief Inspector and senior staff each week and summarised in this report. For more comprehensive statistical data refer to our [Annual Performance Measures Reports](#).

### Reportable incidents total

Level 1 incidents	→	Level 2 incidents	→	Level 3 incidents
<b>23</b>		<b>7</b>		<b>0</b>

Note: Incidents are categorised as Level 1, 2 or 3 according to the seriousness of the incident, with 3 being the most serious.

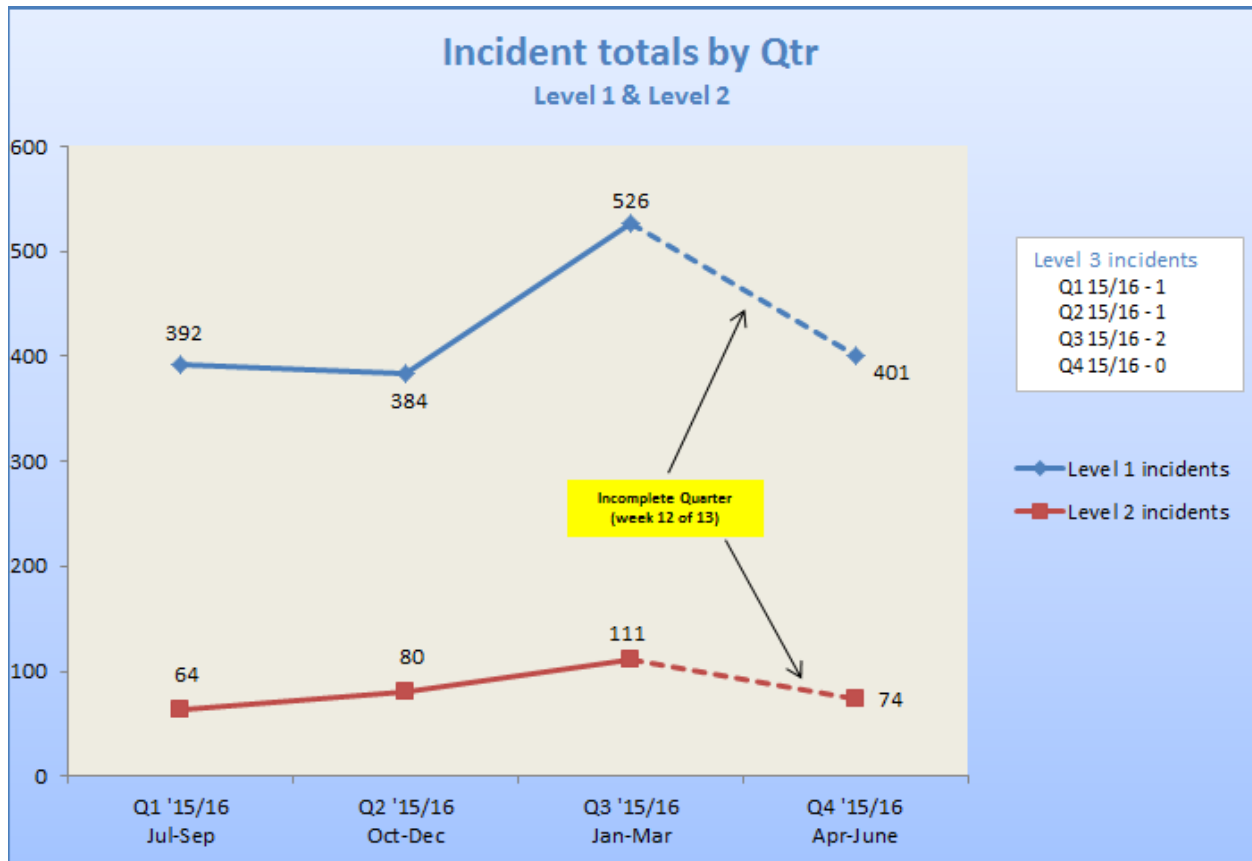
Injuries	Fatalities
<b>5</b>	<b>0</b>

### Reportable incidents overview

Note: While all incidents are investigated, generally only level 2 and 3 incidents are summarised below.

Level	Incident type	Summary	Comment to industry
2	Work Environment Complaint 317661527001	A report of poor hygienic conditions in an underground crib room and other facilities was received by the regulator.	Mine operators and PCBUs must ensure the provision of adequate facilities for workers including toilets, drinking water, washing and eating facilities. The facilities must be maintained in good working order, and be clean, safe and accessible.
2	Strata/Ground Control 317661584001	While mucking out silt from a previously flooded area, operator noticed roof starting to fret. Operator withdrew LHD 30m, heard a couple of load cracks and roof fell to a height of 4 - 4.5m at least 6m long. As there is an existing fall across an intersection approximately 10m from the lip of the current fall - it is deemed likely these falls have met.	Mines that decide to recover older areas for re-use need to consider deterioration of physical conditions then adequately plan and prepare the recovery process to include inspections, geology, strata support and ventilation to ensure the safety of persons in the area.
2	Other Fall of things (other than roof/wall & rib/sides) 317661507001	A precast concrete wall (estimated weight 7.4 tonne) being part of the surface crushed stone (precoat) load-out bins collapsed onto an adjacent stacker conveyor leg. The conveyor then collapsed. Prior to the incident two	Mine operators must ensure that all structures are designed and installed to recognised standards to be without risks to the health and safety of persons at the workplace.  The designers of a structure must also supply adequate information to the mine operator to

Level	Incident type	Summary	Comment to industry
		employees were working in the vicinity of the conveyor and stacker.	ensure that the construction, installation and commissioning of such structures is undertaken so as to meet the intended purpose for which it was designed. This may include results of calculations and conditions for use.
2	Electrical Energy 317661559001	Failure of flamepath measurement on a junction box during weekly code inspection.	Explosion protected electrical equipment must be maintained to a high standard at all times to prevent the likelihood of a methane explosion.  To ensure standards are maintained, mine operators should review maintenance procedures and consider including verification inspections and/or audits.
2	Mechanical Equipment 317661521001	A fire occurred on an underground LHD whilst it was stationary and not in operation. An incorrect battery (smaller) had been installed as opposed to an OEM specified battery. The battery clamp failed to secure the smaller battery, as the securing bolt was missing. This allowed sideways movement and the terminals short circuited against the clamp resulting in the battery catching fire.  The fire was extinguished using a hand held dry chemical extinguisher. The battery compartment has been updated in newer versions of loader.	Mine operators must ensure that thorough and comprehensive planned and preventative maintenance inspections are conducted. Consideration must be given to the installation and maintenance of batteries on heavy mining plant in accordance with AS/NZS4871.6. <i>Electrical equipment for mines and quarries - Diesel powered machinery and ancillary equipment.</i>  Maintenance personnel should be provided with the correct components specified by OEMs.  Mine operators are also referred to the following safety publications: Safety Alert SA15-05 and Safety Bulletin SB16-02, both on our <a href="#">website</a> .
2	Strata/Ground Control 317661557001	A strain burst caused by a seismic event in the localised region resulted in fall of supported ground. The event was detected by the mine's seismic monitoring system. A low traffic area, yet possible a person could have been walking near the affected area. High potential incident.	Mine operators must ensure that mining induced seismicity is appropriately monitored, recorded, and the data analysed and interpreted. Stress modelling should be undertaken in order to predict seismically active zones. The design and reviews of ground support regimes should consider the likelihood of rock bursts and the requirements for yielding and appropriate surface support.



## Recent incident publications

**No recent incident notifications.**

You can find all our incident related publications (i.e. safety alerts, safety bulletins, incident information releases, weekly incident summaries and investigation reports) on our [website](#).

## Further information

Should you wish to seek further information, please contact one of our offices:

### COAL (NORTH) and EAST METEX

#### Maitland

NSW Department of Industry  
 Mineral Resources  
 516 High Street, Maitland NSW 2320  
 (PO Box 344, Hunter Region MC  
 NSW 2310)  
 T 1300 736 122 or 02 4931 6666  
 F 02 4931 6790  
 E [mine.safety@industry.nsw.gov.au](mailto:mine.safety@industry.nsw.gov.au)

### COAL (SOUTH)

#### Wollongong

NSW Department of Industry  
 State Government Offices  
 Level 3, Block F, 84 Crown Street,  
 Wollongong NSW 2500  
 (PO Box 674, Wollongong NSW 2520)  
 T 02 4222 8333  
 F 02 4226 3851

### WEST METEX

#### Orange

NSW Department of Industry  
 161 Kite Street, Orange NSW 2800  
 (Locked Bag 21, Orange NSW 2800)  
 T 02 6360 5333  
 F 02 6360 5363  
 After hours – emergency only 02 6360 5343

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