

# Weekly incident summary

## Week ending 23 June 2023


This incident summary provides information on reportable incidents and safety advice for the NSW mining industry. To report an incident to the NSW Resources Regulator: phone 1300 814 609 24 hours a day, 7 days a week.

### At a glance

High level summary of emerging trends and our recommendations to operators.



Type	Number
Reportable incident total	43
Summarised incident total	3

### Summarised incidents

Incident type	Summary	Comments to industry
Dangerous Incident IncNot0044935 Open cut coal mine Roads or other vehicle operating areas	<p>An empty haul truck approached a stop sign at a railway crossing. On the other side of the crossing, there was a loaded haul truck approaching. The empty haul truck saw the loaded truck and reversed to give way to the loaded truck and allow more room to cross the railway line.</p> <p>As the empty haul truck reversed, it hit a van that had stopped behind it. The right rear wheel of the empty haul truck hit the front passenger's side of the van. The driver of the van was uninjured.</p> 	<p>Mine operators should design sites to separate light and heavy vehicles where possible.</p> <p>Operators should review the separation distances in place at the mine. Supervisors should conduct audits to validate that workers are correctly implementing the controls in the roads or other vehicle operating areas control plans.</p> <p>When reversing, workers must use all available aids such as mirrors, cameras and proximity detection systems to confirm that it is safe.</p>



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Incident type	Summary	Comments to industry
<p>Dangerous Incident IncNot0044923 Open cut coal mine Fire or explosion</p> 	<p>A contractor was using a petrol-powered pressure cleaner in a coal handling preparation plant. Midway through the day, the worker attempted to refuel the unit. A fire erupted. The worker was seen rolling on the ground before getting up and removing their jacket. The worker was treated on site before being transferred to hospital.</p> 	<p>Alternate power sources such as diesel or battery power must be considered before using petrol is considered.</p> <p>Where it is determined petrol powered equipment cannot be substituted, mine operators must assess the risk of using petrol on site. Controls must be implemented to manage the risk of refuelling. As a minimum, engines must be stopped and allowed to cool before petrol refuelling commences.</p>
<p>Dangerous Incident IncNot0044906 Underground metal mine</p>	<p>An operator and offsider (nipper) were completing bolting and meshing work using a Jumbo. While attempting to attach a drill steel to the coupling, the nipper's arm became entangled resulting in a serious injury.</p>	<p>An investigation has commenced and further information may be published in future.</p>

## Other publications of interest

The incidents are included for your review. The NSW Resources Regulator does not endorse the findings or recommendations of these incidents. It is your legal duty to exercise due diligence to ensure the business complies with its work health and safety obligations.

Publication	Issue/topic
	<b>National (other, non-fatal)</b>
<p><b>Resources Safety &amp; Health Queensland</b></p>	<p>During a routine inspection by the Explosives Inspectorate, the formation of Tetra-Amine Copper Nitrate (TACN) was identified on a brass padlock and copper fittings on an explosive mobile processing unit. TACN is an impact-sensitive explosive compound formed when reactive metals such as zinc, copper or its alloys (brass) are exposed to an aqueous solution of ammonium nitrate. The impact required to initiate TACN is reported to be equivalent to dropping a 2 kg weight from a height of about 20 cm. People working on equipment contaminated with TACN can be exposed to the potential for a small, localised explosion caused by impact or heat to the TACN affected areas.</p> <p><a href="#">Details</a></p>

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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. For more comprehensive statistical data refer to our annual performance measures reports.

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