

# FACT SHEET

## Planned Inspection Program – Explosives Metalliferous operations and Tier 1 quarries

July 2021



Explosives are routinely utilised within mining environments and, if not stored, handled or used correctly, can potentially cause serious and/or fatal injuries to workers. For this reason, where explosives are used at an operation, an explosives control plan must be developed and implemented.

The NSW Resources Regulator is commencing a program of planned inspections and targeted assessments which will be focussing on the criteria below to ensure compliance across metalliferous mines and large quarries in NSW.



### Explosives safety and security

Protect explosives from unintended or uncontrolled detonation, loss, theft and misuse.



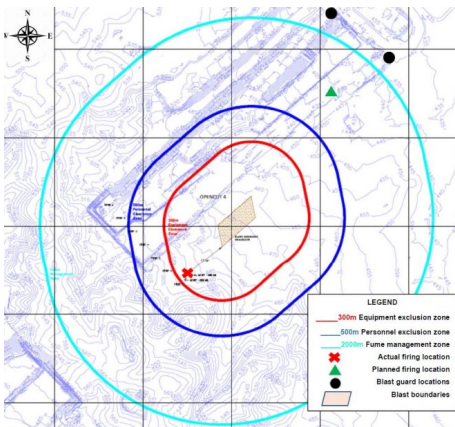
### Explosives suitable for application

Explosives are in good condition and used for approved purposes.



## Blast planning and implementation

Blasting is carried out to minimise flyrock, fume and dust generation.



## Safe blasting practices

People are protected from the effects of blasting.

## Considerations

Mine operators should consider the above criteria, as a minimum, and ensure that such information is included within their respective principal hazard management plans and associated documentation. Following investigations into explosives-related incidents, it is evident that non-compliance with these key control measures have contributed to incident outcomes, which have caused both severe and fatal injuries to workers. When identifying and implementing control measures, mine operators are also reminded to follow the hierarchy of controls to ensure health and safety risks are minimised, so far as is reasonably practicable.

**Other relevant safety alerts and bulletins published by the Regulator:**

| DATE PUBLISHED | REFERENCE            | TITLE  |
|----------------|----------------------|--|
| Aug 2020       | Investigation Report | <a href="#">Dangerous blasting incident</a>  |
| Jan 2019       | IIR19-01             | <a href="#">Shot firing incident damages vehicles</a>                                    |
| May 2017       | IIR17-08             | <a href="#">Dangerous shotfiring incident</a>  |
| Dec 2016       | SB16-05              | <a href="#">Exposure of copper or copper alloys to ammonium nitrate – TACN formation</a> |
| Aug 2009       | SA09-08              | <a href="#">Misfire of explosives</a>  |
| May 2006       | SB06-05              | <a href="#">Storing explosives</a>   |

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