

FACT SHEET

Assessment program - Entanglement – Tier 2 and Tier 3 quarries

June 2021

The Resources Regulator is commencing a program of planned inspections and targeted assessments across the quarrying sector which will be focussing on the risk of entanglement.

Entanglement is a hazard which has the potential to cause serious and/or fatal injuries to workers if not controlled effectively. This fact sheet is primarily based on the critical controls for entanglement risks within tier 2 and tier 3 quarries and should be considered by mine operators when assessing the risk at their operation.



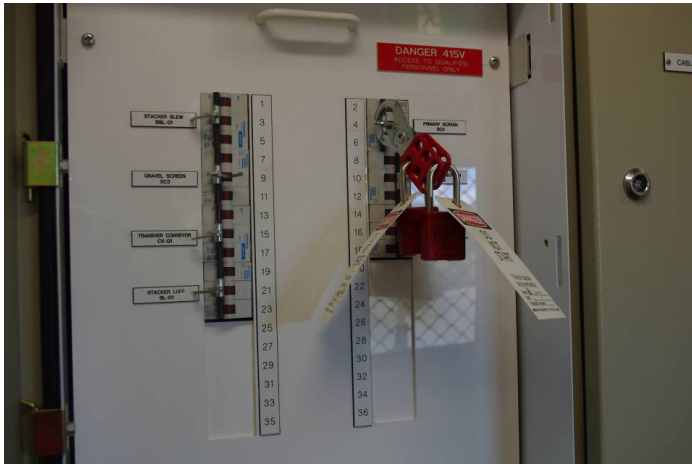
Equipment safeguarding

Guards prevent people accessing entanglement hazards.



Safe standing zones

People remain a safe distance from unguarded entanglement hazards.



Isolation standards

Prevent equipment starting while people are working near entanglement hazards.



Emergency stops

Enable stopping of the plant in the event a worker becomes entangled.

Considerations

Arising from investigations into entanglement related incidents, it is evident that non-compliance to these key control measures has contributed to incident outcomes, which include both severe and fatal injuries to workers. When identifying and implementing control measures, mine operators are reminded to apply the hierarchy of controls to ensure health and safety risks are minimised as far as is reasonably practicable.

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Other relevant safety alerts and bulletins published by the NSW Resources Regulator:

DATE PUBLISHED	REFERENCE	TITLE
Jun 2020	Investigation Information Release	Worker's arm injured in belt press filter
Aug 2019	Code of Practice	Managing the risks of plant in the workplace
Nov 2018	SB18-18	Drill rig safety
Sep 2016	Code of Practice	Mechanical engineering control plan
Mar 2008	SA08-05	Miner's arm injured using drill rig
Nov 2006	SA06-19	Operator's hands injured in conveyor at quarry
Aug 2002	SA 02-12	Quarry operators arm caught in unguarded conveyor

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CM9 reference