

SAFEX

INTERNATIONAL

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INCIDENT NOTICE

(Kindly direct all correspondence to the Secretary General)

INCIDENT TITLE: Casualty- Rock projected from blasting.

DATE POSTED	REFERENCE	SOURCE
3 August 2022	IN 22-09	Enaex
INCIDENT OUTLINE		
When did it happen?	Friday, June 17 th 2022 at 5:40pm	
Who experienced it?	Enaex	
Where did it happen?	Brazil	
What material was involved?	Electronic detonators, safety fuse, boosters and emulsion.	
What happened?	After igniting a safety fuse for a secondary shot, two employees left the pit in a light vehicle. The vehicle was positioned behind the bench face. A rock projected from the blast perforated the rooftop of the vehicle, fatally injuring the passenger.	
Why did it happen – theory?	<p>The exclusion zone defined/aligned between the company and the mine management is 500m. For reasons still under investigation, the vehicle was positioned inside this radius.</p> <p>After the initiation of the secondary shot with the safety fuse, the blaster initiated three other shots in different benches using electronic detonators (2 production shots and one overburden shot).</p> <p>The vehicle was positioned 300m away from the overburden shot, inside the exclusion zone.</p>	
What was the impact?	One fatality	

COMMENT

Value of incident

Several member companies of SAFEX not only manufacture explosives but also perform shot services and may use this case to review blasting procedures and operational discipline.

There might be several justifications for having people inside the exclusion zone during a shot on a mine site. None is worthy of a fatality.

DISTRIBUTED BY:

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