

SAFEX

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INCIDENT NOTICE

(Kindly direct all correspondence to the Secretary General)

INCIDENT TITLE: Detonators Explosion

DATE POSTED 26 May 2020	REFERENCE IN20-02	SOURCE Economic Explosives Ltd.
INCIDENT OUTLINE		
When did it happen?	23 May 2020, 16:50 local time	
Who experienced it?	Economic Explosives Ltd.(Subsidiary of Solar Explosives)	
Where did it happen?	Filling & Pressing Building (D5) of Detonator Manufacturing Plant, Nagpur	
What material was involved?	Detonators in tumbling unit	
What happened?	In the second shift, the plant was under normal operation for around 1.5 hours the operator opened the hatch of tumbling unit No.1 to remove the empty cap carrying plate from the holder of tumbling unit. An explosion took place in the tumbling unit which immediately spread to adjoining tumbling unit and both units exploded.	
Immediate action taken	The emergency response plan was activated. Injured were rushed to the hospital in Nagpur. Other personnel from the plant were evacuated and personnel count taken. Regulatory authorities informed about the incident. All production activities of the site stopped. Families of injured informed about this incident. After cool-off time D5 building barricaded. Other buildings assessed for any damage.	
What was the impact?	The tumbling operator got severely injured. Two persons who were carrying cap carrying plates with filled shells in their hands, in the vicinity of blast gas pressure, were severely injured. Three other nearby operator received minor injuries. The tumbling section and traverse behind demolished, concrete roof collapsed. No major impact on other buildings in plant.	
Status on date	Two of the three operators who got seriously injured lost their life's. The third person in under treatment. The personnel with minor injuries were released after treatment	
Further Action	An investigation team was formed for a detailed investigation of the incident.	

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