

SAFEX INTERNATIONAL

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INCIDENT NOTICE

(Kindly direct all correspondence to the Secretary General)

INCIDENT TITLE: Explosion during preparation of batches of dynamite

DATE POSTED 10 March 2022	REFERENCE IN 22-04	SOURCE Nitroerg S.A.
INCIDENT OUTLINE		
When did it happen?	Monday, 14 th of February 2022 at about 5.10 pm	
Who experienced it?	NITROERG S.A. Poland, Krupski Młyn	
Where did it happen?	Mixing of dynamite composition, type Drais	
What material was involved?	Raw materials preparing for 4 bathes of dynamite: 345 kg of nitroesters, 460 kg of AN, 16 kg of NC and minor additives	
What happened?	<p>Two employees were engaged in the process of preparing explosive gelatine – a mixture of nitroesters and nitro cotton. On completion of the mix, an explosion took place (the movie from CCTV stopped rapidly).</p> <p>At the instance of the explosion, there were 2 tubs of gelatine with AN and additives ready for mixing. The other 2 tubs contained ready mixed composition.</p>	
Why did it happen – theory?	<p>There is currently no explanation for this accident. The employees were well trained, properly clothed and used approved tools. The preparation of the explosive gelatine was made in accordance with the applicable operating instructions and rules.</p> <p>The internal investigation is still in progress.</p>	
What was the impact?	<p>Two employees (operators) died instantly. The rest of the employees who were present at the 2nd shift stopped the machines (mixers/cartridging machines) and moved into the safe area – an evacuation meeting point.</p> <p>The building containing the mixer was completely destroyed, the room for reloading of nitroesters from the trolley was partly damaged, some minor damage at the motor and control rooms. The earth mound around the mixer room protected the rest of the area against the direct influence of the shock wave.</p> <p>There was also some damage at surrounding buildings (light wooden walls, windows, etc.)</p>	

ADDITIONAL INFORMATION

Enclosure

None

Subsequent report

The incident is being officially investigated by Police and internal Accident Commission of Factory

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