



Fatality #19 - December 4, 2013

**Explosives/Breaking Agents – Kansas – Crushed, Broken Limestone
Bayer Construction Company, Inc. - Kansas Falls Quarry**

METAL/NONMETAL MINE FATALITY - On December 4, 2013, a 63-year old lead man with 16 years of experience was killed at a crushed stone mine. The victim initiated a blast and was struck by flyrock from the blast. He was standing 153 feet from the nearest blast hole and was struck by rock as large as 19 inches long by 14 inches wide by 7 inches thick.



Best Practices

- Establish and discuss safe work procedures before beginning work. Identify and control all hazards associated with the work to be performed and the methods to properly protect persons. Task train all persons in safe work procedures.
- Maintain and use all available methods of communication, such as sirens and radios, to warn persons of an impending blast. Establish methods to ensure that all persons are out of the blasting area.
- Guard or barricade all access routes to the blasting area to prevent the passage of persons or vehicles.
- Before firing a blast, give ample warning to allow all persons to be evacuated.
- Clear and remove all persons from the blasting area unless suitable blasting shelters are provided to protect persons from flyrock.
- Verify that the blasting procedures are effective and being followed at all times.

This is the 19th fatality reported in calendar year 2013 in metal and nonmetal mining. As of this date in 2012, there were 16 fatalities reported in metal and nonmetal mining. This is the 4th Explosives and Breaking Agents fatality in 2013. There were 0 Explosives and Breaking Agents fatalities in the same period in 2012.

The information provided in this notice is based on preliminary data ONLY and does not represent final determinations regarding the nature of the incident or conclusions regarding the cause of the fatality.
