



Fatality #3 - March 27, 2013

**Explosives and Breaking Agents – Missouri – Crushed, Broken Limestone NEC
Fred Weber Inc – North Stone**

METAL/NONMETAL MINE FATALITY - On March 27, 2013, a 61-year old loader operator with 24 years of experience was killed at a crushed stone operation. The victim was in a front-end loader about 50 feet from the base of a highwall when a blast was initiated. Broken rock struck the front-end loader and covered it. The rock was removed from the front-end loader and the victim was recovered about 10 hours after the blast occurred.



Best Practices

- Do not initiate a blast until it has been determined that all persons have been evacuated from the blast area.
- Establish and discuss safe work procedures. Identify and control all hazards associated with the work to be performed along with the methods to properly protect persons.
- Task train all persons to recognize all potential hazardous conditions, to ensure all persons have left the blast area, and to understand safe job procedures for elimination of the hazards before beginning work.
- 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 blast area.
- Before firing a blast give ample warning to allow all persons to be evacuated.
- Guard or barricade all access routes to the blast area to prevent the passage of persons or vehicles.
- Verify that the blasting procedures are effective and being followed at all times.

This is the 3rd fatality reported in calendar year 2013 in the metal and nonmetal mining industries. As of this date in 2012, there were 2 fatalities reported in these industries. This is the 1st Explosives and Breaking Agents fatality in 2013. There were 0 Explosives and Breaking Agents fatalities in the same period in 2012.