

U.S. Department of Labor  
Mine Safety and Health Administration  
Educational Field and Small Mine Services



Location \_\_\_\_\_ Date \_\_\_\_\_

Competent Person \_\_\_\_\_ Duration \_\_\_\_\_ Time \_\_\_\_\_

## Use of Explosives

**Remember, Accidents do not just happen. Invariably, they occur because of indifferences to safety rules and lack of information or effective training.**

- **SLAM Stop Look Analyze Manage** every project should begin with a plan that includes discussion on how this type of task had been completed before and any problems that may occur.
- **Task training is essential** for any new miners or on new equipment that has not been involved in these types of projects in the past. [46.7](#)
- **Proper PPE** is required hard hats, safety glasses, boots, gloves, goggles. [56.15002](#); [15003](#); [15004](#).
- **Survey your working area**, conduct a work place examination of the high wall that includes the high wall face to assure ground conditions are safe to work on. Clear any loose material in and around the area to be loaded. [56.3200](#); [3401](#);
- **Fall protection is required whenever there is a danger of falling. Assure that everyone working near the edge is using the proper fall protection and is tied off to sufficient anchor point.** [56.15005](#)
- **Never drill and load at the same time**, complete all drilling before loading holes begins. Never move drilling equipment, or any other equipment across blasting area. [56.6306](#)
- Use only vehicles equipped for transporting explosives. [56.6202](#)
- Separation of transported explosive materials. [56.6200](#); [.6201](#); [.6300](#)
- Initiation preparation shall be made up at the blast site. [56.6303](#); [.6305](#); [.6308](#)
- Be aware of any misfires and observe proper waiting period. [56.6310](#); [.6311](#);
- **Keep explosives on the ground**, and away from heat sources, lower bags to the ground, do not throw bags of anfo, do not allow any smoking. [56.6904](#)
- **Listen to weather forecast, clear area if a storm approaches.** [56.6604](#)

**Fatalgrams:** [46.7](#); [56.3200](#); [3401](#); [.15005](#).

**Attendees:**