



AMS GASBAG

AMS gasbags are aerosol inflated borehole plugs constructed from the following components.

- a) Non-flammable bag inflator aerosol. MSDS can be requested from AMS at sales@americanminingservices.com
- b) 2-speed total release aerosol actuator.
- c) Gas impervious inner bladder.
- d) Robust woven outer bag.

Each bag has a black color tag attached to the woven outer bag to enable the bag to be connected to a lowering cord. It is marked on both side with the recommended breakout force.

SCOPE

This Safe Working Procedure (SWP) details:

- a) The Safe Handling Procedures to be followed for AMS aerosol inflated gasbags.
- b) Safe instructions to lower and position AMS Gasbags.

SAFETY & HAZARDS

- a) Aerosols are pressurized and will explode if punctured or incinerated.
- b) Risk of inhalation of gas fumes if aerosols are actuated in an enclosed space.
- c) Aerosols/gasbags may not be heated above 122°F or left in direct sunlight for long periods of time.

SAFETY HANDLING

- Transport- According to UN1950, Class 2.2
- Disposal – Disposal to be performed in well ventilated area. Actuate aerosols to begin inflation. Once fully inflated, pierce bags and allow to deflate before disposal.
- Storage – Store below 122°F and away from direct sunlight to avoid overheating.





INSTALLATION

- a) Make sure that the correct size AMS gasbag is selected for the intended blast hole diameter.
- b) Only remove gasbags from carton box packaging prior to lowering.
- c) Determine depth to which the AMS gasbag is to be lowered.
- d) Attach lowering cord to the plastic breakout tag on the woven outer bag.
- e) Actuate aerosol canister to begin inflation by either pressing down or pushing up positively on the actuator lever using your thumb finger. Pressing down would actuate at FAST speed, while pushing up would inflate at SLOW speed.
- f) The bag will immediately begin to inflate. Once inflation starts, the inflation process cannot be stopped.
- g) Lower the AMS bag down to pre-determined depth.
- h) AMS gasbags make use of elastic tapes that retains the inflating bag in a tubular form, less than the blast hole diameter, for between 15 and 25 seconds.
- i) When depth is reached, maintain position until pressure-retention bag bursts under pressure allowing bag to fully expand and grip the side walls of the blast hole.
- j) Tugging lightly on lowering cord will confirm when the bag has gripped the sidewalls of the blast hole.
- k) Firm upward direction pull on the lowering cord will break the cloth tape tag and release the lowering cord from bag.
- l) Wait for at least 3 minutes in hotter climates and 10 minutes in colder climates before loading starts on the bags.

