



SAFE WORKING PROCEDURE



ROO GASBAGS

Australasian Mining Services

www.austms.com

ROO GASBAGS

ROO gasbags are aerosol inflated blast hole plugs constructed from the following components:

- Non-flammable aerosol canister
- 2-speed total release aerosol actuator
- Gas impervious inner bladder
- Robust woven outer bag

Each bag has a black coloured tag attached to the woven outer bag to enable the bag to be connected to a lowering cord. The temperature warning indicator assists to identify and ensure correct storage and safe handling.

SCOPE

This Safe Working Procedure (SWP) details:

1. The Safe Handling Procedures to be followed for ROO aerosol inflated gasbags.
2. Safe instructions to lower and position ROO Gasbags.

SAFETY & HAZARDS

1. Aerosols are pressurised and will explode if punctured or incinerated.
2. Risk of gas fume inhalation if aerosols are actuated in an enclosed space.
3. Aerosols within the gasbags must not be heated above 50°C or left in direct sunlight for long periods of time.



SAFE WORKING PROCEDURE

SAFE HANDLING



Transport - According to UN1950, Class 2.2

Disposal - Disposal to be performed in well ventilated areas. Actuate aerosols to begin inflation. Once fully inflated, pierce bags and allow to deflate before disposal.

Storage - Store below 50°C and away from direct sunlight to avoid overheating.

INSTALLATION

1. Make sure that the correct size ROO gasbag is selected for the intended blast hole diameter.
2. Only remove gasbags from carton packaging prior to direct use.
3. Determine depth to which the ROO gasbag is to be lowered.
4. Attach lowering cord to the plastic breakout tag on the woven outer bag.
5. Actuate aerosol canister to begin inflation by either pressing down or pushing up on the actuator lever using your thumb finger. Pressing down would inflate at FAST speed, while pushing up would inflate at SLOW speed.
6. The bag will immediately begin to inflate. Once inflation starts, the inflation process cannot be stopped.
7. Lower the ROO gasbag down the blast hole to the pre-determined depth.
8. ROO 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 30 seconds.
9. When required depth is reached, maintain position until the pressure-retention bag bursts allowing the bag to fully expand and grip the side walls of the blast hole.
10. Tugging lightly on the lowering cord will confirm when the bag has gripped the sidewalls of the blast hole.
11. To release the lowering cord from the inflated bag pull firmly in an upward direction on the lowering cord to break the cloth tape tag.
12. Wait for at least 3 minutes in hotter climates and 10 minutes in colder climates before loading commences on the inflated gas bags.