

INTRODUCTION AND USE

BHD8 Deflagration Sleeves are packed and shipped together with operational stands in a disposable cardboard container. Shipping configuration is for 18 units (Sleeves & Stands) in a container.

LIMITATIONS OF USE AND GENERAL SAFETY

Each BHD8 Deflagration Sleeve is individually sealed in a metalized bag (not shown in the photograph) to preserve the product and should only be removed just before intended use. The product will become insensitive when exposed to moisture over a prolonged period when outside of its protective metalized bag therefore should be kept sealed until ready to be used.

STANDARD OPERATING PROCEDURE(SOP)/INSTRUCTIONS

1. Each BHD8 Deflagration Sleeve is supplied with a disposable stand of which the legs can be bent and cut to interface with the surrounding area around the mine. This is done by hand using hand tools such as pliers on a Leatherman. Ensure that a Stand-Off distance of 20mm is achieved between the mine surface and bottom end of the BHD8 Deflagration Sleeve. This is to ensure optimum performance when the BHD8 is fired. Fig 1, Fig 2, Fig 3, Fig 4.
2. Ensure that the stand is placed firmly in position over the mine. Take the BHD8 Deflagration Sleeve, **tap the base gently in the palm of your hand to settle any powders which may have moved during transit**. Straighten the igniter wires. Connect the two igniter wires to the firing cable then place the BHD8 into the stand cradle. Fig 5.
3. Walk back to where the BHD8 Deflagration Sleeve will be fired from and test continuity from the opposite end of the firing cable. When continuity test is satisfactory connect the firing cable to the triggering device (shot exploder) and fire the BHD8 Deflagration Sleeve. Fig 6. If the unit can be seen from a safe distance either by naked eye or through binoculars, a tell tale smoke plume will appear on top of the BHD8 Deflagration Sleeve as soon as it ignites. This will be followed by a flame which confirms that the secondary charge has ignited that will lance (burn) through the mine casing and ignite the explosive charge within the mine to initiate deflagration.



Fig 1



Fig 2

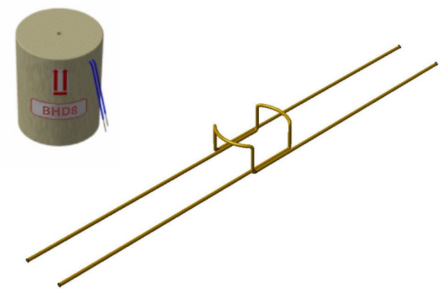


Fig 3

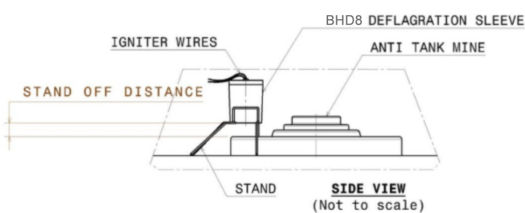


Fig 4



Fig 5

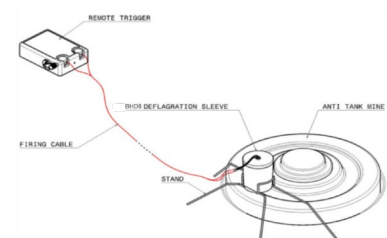


Fig 6