

INTRODUCTION AND USE

The Disarmco Dragon is a pyrotechnic torch designed as a standoff solution for the disposal of landmines, sub-munitions and other articles deemed “no touch”. The Dragon torch is supplied with a multiuse holder to maintain the torch at the correct distance and angle to the target.

LIMITATIONS OF USE AND GENERAL SAFETY

Based on the items to which it operates, a person qualified to work with explosive substances determines a safe distance and zone. Only Explosive Ordnance Disposal (EOD) operators or those who have the necessary competence/training should use this product. Before using the Dragon torch, personnel unfamiliar with thermal EOD techniques should undertake a course of training. During training on inert targets, maintain a minimum safety distance of 10 m whilst also using filtered safety goggles.

STANDARD OPERATING PROCEDURE (SOP)/INSTRUCTIONS

1. These instructions are not intended for standalone use; they are for inclusion into relevant customer SOPs.
2. Read also, the Information/SOP sheet for the Disarmco TIS starter.
3. To ensure the Dragon torch remains dry, only remove from the bulk packing when use is imminent.
4. Open the TIS packing and extend the leads of a TIS starter insert the TIS starter into the end of the torch where indicated on the torch label (Fig 1). Gently press in place (Fig 2). Tape the TIS in place and also tape the TIS wires to the torch body to provide strain relief (Fig 3). The TIS starter require an energy >6J at a voltage of >350V.
5. Place the torch holder in position close to the target without touching it, the torch holder has spikes that can be pushed into the ground or a sandbag to provide a firm footing. Then place torch in the holder so that the target to be attacked is at least 9-12 cm from the boundary line marked on the Torch; arrow indicates direction of Dragon flame (Fig 4).
6. Connect the TIS wires to the firing cable, no polarity required.
7. Move to safe distance from target.
8. Follow organizations SOP's in relation to safety distances and sentries. At the firing point, connect firing cable to firing device.
9. Activate firing device when ready. (Fig 5 shows the Dragon operational).

HAZARDS:

Burns with a jetting flame > 2000°C, do not inhale fumes.

Do not view from under 30m without protective goggles (filtered).



Fig 1



Fig 2



Fig 3

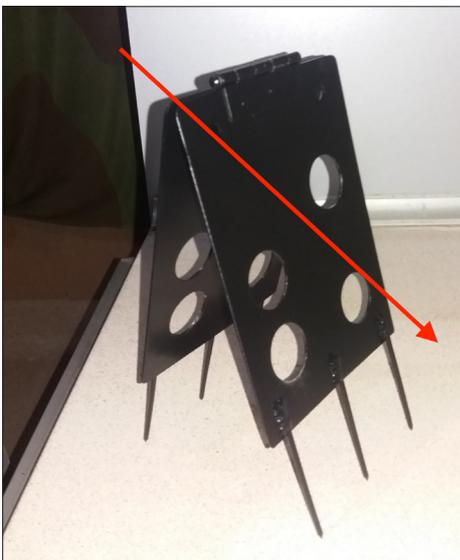


Fig 4



Fig 5