

Unexploded ordnance, methodologies, and procedures

Background

The Studland peninsula and nearby heathlands were used as a training ground for troops in WWII. There is a risk of finding Unexploded Ordnance (UXO's), buried or lying on the surface.

Methodologies

As a precaution an EOD (Explosive Ordnance Disposal) engineer from IGNE UXO Ltd, will be contracted by the National Trust to work alongside the contractor undertaking surveys and a watching brief before and during works. They will survey the area prior to works including vegetation cutting and ground penetration, and as the work proceeds. If any anomalies are found the EOD will mark the area to be avoided. A toolbox talk will be given by the EOD prior to works starting on site.

The methodology for reducing/flailing Molinia vegetation to ground level will be carried out as follows:

1. All vegetation to be cut down to 200mm. The vegetation should be cut no lower than 200mm and the blades should not touch the ground. The cutting height may need to be adjusted on uneven ground to between 200mm and 300mm to reduce the chances of this occurring.
2. The EOD will scan the area and mark any anomalies to be avoided.
3. Once the vegetation has been scanned and the EOD has given approval the contractor can cut the vegetation down to ground level.

The methodology for installing various dams and any ground penetration will be as follows:

1. No ground to be dug or penetrated without prior scanning and approval from the EOD.
2. The EOD will scan the works area, and if any anomalies are found will mark the area to be avoided.
3. If the area is clear, then works can be undertaken.

Marking out procedure:

The EOD is to only be one feature ahead of the one being worked on.

Access routes: Contractor to agree access route for excavator and mark the ground with yellow and black tape every 15m. Tie tape tightly to vegetation.

Contractor Site Supervisor to show EOD the route and where to scan.

EOD to scan the route and once safe, mark the route either side with red and white tape to confirm that the corridor has been scanned and is safe to track on.


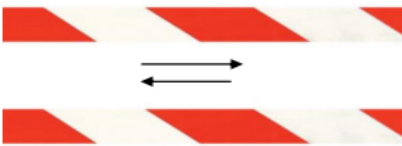



Leave all tape in position in case the excavator operator needs to track the route again.

Working area – features:

Contractor Site Supervisor to mark out the working areas that are to be scanned with yellow tipped canes. Also spot spray a point on the vegetation at the bottom of each cane. (Canes can be dislodged so having a mark on the ground means that the cane can be replaced in the correct position).

The EOD is to spray an orange spot in the middle of the feature to confirm to the excavator driver that the area marked with yellow canes and spots has been scanned and it is safe to proceed.

DO NOT DISTURB – the EOD will mark any potentially unsafe areas with a red tipped cane and spray a circle on the ground. These areas must not be disturbed or tracked on.

Access routes	
1: Yellow and black tape - RSK marked route for excavator	
2. Red and white tape (both sides) - EOD marked route that is safe to track on	
Working area - features	
3. Area to be scanned - Yellow tipped canes + yellow spray on ground	
4. EOD marked area safe to work - Orange spot in working area (yellow canes)	
DO NOT DISTURB EOD marked possible UXO - Red tipped cane + red spray on ground	
National Trust location of work - White tipped cane and white spray on ground	

Procedures if UXO is found:

A. Unexploded ordnance found with Explosive Ordnance Engineer on site:

1. Contact the EOD and await instructions: *XXX Insert name and mobile number*
2. DO NOT touch but take the following details:
 - a. Date, time, location & landmarks (get a What3words reference if possible).
 - b. Type of munition (i.e. (bullet, shell or grenade).
 - c. Estimate size and diameter.
 - d. Physical state and has it been moved?
3. DO NOT touch or disturb the item further.
Mark the find near the object and move away to 100m distance.

B. Unexploded ordnance found in absence of Explosive Ordnance Engineer being on site:

1. DO NOT touch but take the following details:
 - a. Date, time, location & landmarks (get a What3words reference if possible).
 - b. Type of munition (i.e. (bullet, shell or grenade).
 - c. Estimate size and diameter.
 - d. Physical state and has it been moved?
2. DO NOT touch or disturb the item further.
Mark the find near the object and move away to 100m distance.
3. Call 999 Police and await instructions.
4. Call National Trust, and make sure direct contact has been made with one of the following, do not leave a message.

Mark Singleton – 07747 621992

Gen Crisford - 07785 631230

David Brown - 07768 864954