

IMPACT MOLING

TRENCHLESS INSTALLATIONS LTD

www.impactmoling.co.uk

Tel: 01256 364441

RISK ASSESMENT & METHOD STATEMENT

Main Contractor:

Site Address: Woodpecker Wood, Damerham SP6 3HL

Works to commence: TBC

The site supervisor for this job is:

The risks associated to with 'impact moling' are reduced due to the method used, however those that are apparent are listed below. One should also refer to our method statement enclosed in this document.

Eliminate – 'Design out' the hazard when new materials, equipment and work systems are being purchased for the workplace;

Substitute - Substitute less hazardous materials, equipment or substances and use smaller sized containers;

Isolate – separate the workers from hazards using barriers, enclosing noisy equipment and providing exhaust or ventilation systems;

Engineering – use engineering controls to reduce the risks such as guards on equipment, hoists or other lifting and moving equipment;

Administrative – Minimize the risk by adopting safe working practices or providing appropriate training, instruction or information.

Excavations

Excavations are generally approx. 750mm depth in the launch pit and the target/recovery pit. Should it be necessary to dig in excess of 1.200m then shoring will be installed.

Excavations are generally dug by hand and arisings kept at a safe distance on the bank.

All excavations will be protected with safety fencing/barriers if left unattended.

Any services or pipelines when located will be exposed by hand excavation or using 'soil picks' where necessary.

Plant

The moling tool is powered by air compressor.

Any electrical equipment will be either 110volt or battery powered.

Personnel Protection

All operators will be suitably trained for tasks undertaken.

All operators will wear high visibility jackets, safety boots, and hard hats, goggles, ear protection, and gloves when required.

First aid kit and first aider on site.

Contaminated Ground

Enquiries will be made to establish the likely-hood of any chemical contamination within the work zone.

Underground Services

A visual inspection will be made prior to commencement to identify any obvious obstructions, however the main contractor will be responsible to make Impact Moling aware of any underground services with the moling route.

Impact Moling will also carry out a 'Cat Scan' prior to commencement.

If working in within the Public Highway 'PUSWA' notices will be issued.

Welfare

Toilet and welfare facilities to be provided by the main contractor.

Permission to Dig

Permission to Dig' notices to be issued by the main contractor prior to commencement of work.

Working within a Public Area

We will take all due care and attention at all times, interaction and banking / watchman type duties for the team carrying out the works.

All due care and attention to members of the public and other contractors onsite.

Working out of hours

Local procedures for out of hours working should be produced and communicated with all staff and sub contractors.

HAVS Assessment

All operatives to be provided with a minimum of hand arm vibration toolbox talks. Training and toolbox talks will be provided to sub contractors.

Supervisors to ensure that the equipment provided is suitable for the intended use.

Pollution Control

Identify the materials you store or handle on site and activities that may be a hazard.

Safe secure storage, careful deliveries and training on site for sub contractors and for drivers.

Working in TPO area on site

All excavations to be manually hand dug using a soil pick to minimize any damage to tree roots. No roots bigger than 25mm to be cut. Any exposed roots to be covered with net hessian if needed. The size of the pits will be determined once size and number of services have been approved. The pit sizes for this job will be. 1200mm long x 700mm wide x 750mm deep. The distance between pits is usually between 10mtrs – 15mtrs maximum. Any existing services will need to be exposed.

Method of Moling

Ground displacement hammer, driven by compressed air, supplied by a diesel-fuelled compressor. Tools are connected by air hoses, which are in 15 metre lengths, which can be added or taken away to required lengths, to allow easy access to restricted areas. Therefore compressor can be sited easily up to 50 or 60 metres away from starting position. One man, with associated hand tools and sighting equipment, easily carries the moling equipment itself, by hand.

Daily targets are usually 20-50 metres, dependent on ground conditions, and services encountered, workforce carrying out operations, would usually consist of a maximum of 4, but the minimum of 2.

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Head Office:
37 Oakridge Road, Basingstoke, Hampshire RG21 5SE
Company Number: 05754701 Vat Number: 300 8673 24
National Water Hygiene Certificated Reg No: 138538

