

HEALTH & SAFETY RISK ASSESSMENT/SAFE SYSTEM

OPERATION

Soil Sampling and Probing using "Competitor" Rig

PROCESS

Use of soil sampling rig, dynamic probing, concrete coring

HAZARDS

Soil Sampling Rig

RISKS

1. Possible contact with drop weight - potential for serious injury.
2. Possible entrapment with drive chain - potential for serious injury.
3. Possible entrapment with coring unit - potential for serious injury.
4. Possible entrapment between rig and track unit - potential for serious injury.
5. Possible entrapment under rig on unstable ground or when loading/unloading from vehicle.
6. Possible risk of electric shock from underground or overhead cables - potential for fatal or serious injury.
7. Possible risk of contact with contaminated substances - potential risk of poisoning or gastro-intestinal upset
8. Possible risk of contact with flammable gas (methane)
9. Possible risk of hearing impairment

THOSE AFFECTED

1. All operatives
2. Others in the vicinity.

SAFE SYSTEM

1. All operatives to be fully trained in safe use of rig.
2. Appropriate P.P.E. to be worn at all times.
3. Machinery to be adequately guarded and guards tested prior to operation.
4. Good standards of hygiene to be maintained when working on contaminated sites.
5. CAT to be used prior to commencement of drilling.
6. Close consultation with client prior to carrying out work to ascertain nature and location of hazards on site.
7. Planned maintenance schedule in place.
8. Smoking not allowed on site.
9. Lone worker procedures to be devised and implemented when necessary

TRAINING REQUIREMENTS

Operatives to be fully trained and supervised for an initial period until they are completely familiar with operation of rig and essential safety procedures. Special attention should be paid to correct use of machinery guarding and use of CAT and PPE. Subsequently, spot checks should be made on site by supervisor to check that all safety procedures are being observed with refresher training if necessary.

FURTHER ACTION

None identified

REVIEW COMPLETED BY:

DATE:

IMPORTANT NOTE:

This document is provided for guidance purposes only in order to promote the use of safe working practices when operating the rig. It is not intended that this document should replace any acts, codes, regulations or other documents which have a legal or contractual standing. In particular it must be noted that there is no intention within these guidance notes to negate any of the requirements of the Health & Safety at Work Act 1974, or other relevant safety standards, codes of practice and regulations that may apply in the country of use. It is the responsibility of the owner/operator to ensure that the equipment is maintained in a fit state of repair, that a full risk assessment is carried out and that operators are fully trained in the safe use of the equipment. Archway Engineering (UK) Ltd will not accept any responsibility for any accidents caused as a result of misuse or failure to maintain the equipment in good working order.

Sample Only