



METHOD OF WORK

Ensure a Risk Assessment is carried out and control measures are in place.

Before any activity takes place where it is necessary to break ground or carryout excavations, a survey of the work area must be completed using a CAT & Genny in conjunction with relevant in date Utility Drawings. NOTE: Utility Drawings are provided as a guide and are not always accurate.

1. Conduct pre-use checks to confirm equipment is calibrated and in good working order, making sure batteries have sufficient charge for the task.
2. All equipment must be used following the manufacturer's user guide.
3. Carry out a full survey of the work area using all modes, Avoidance, Genny, Power and Radio. **Note:** The Genny and any accessories must be used where applicable.



Avoidance Mode (A): detects all locate signals simultaneously, including Genny, Power and Radio signals.



Genny Mode (G): detects the locate signals produced by a Genny. There are various ways of applying the Genny signal (see 'user guide').



Power Mode (P): detects signals originating from power transmission networks.



Radio Mode (R): detects radio signals originating from distant radio transmitters as they travel along underground pipes and cables.

4. Keep base of CAT close to the surface, do not swing the device.
5. Scan / Sweep the work area in both directions, across and along, see the user guide for further detail.
6. Adjust Sensitivity Control as necessary on CAT to determine the location of any apparatus in the work area.
7. Once located, mark the surface area using line marker paint and extend beyond the area of excavation.
8. Courtesy boards must be displayed on all works sites and include an emergency contact number.
9. Always be aware of device limitations and potential for interference.
10. If in doubt, assume services to be present and contact your Supervisor or Line Manager.
11. Remember the CAT & Genny will not locate non-conductive apparatus such as MDPE, PE, PVC pipes and Fibre Optic Cables.

Note: When working in proximity to Fibre Optic networks, seek confirmation on the availability and use of Tracer Marker Tapes to assist with locating apparatus.



HAZARD IDENTIFICATION

- Live Traffic
- Pedestrians
- Vehicle and Plant Movements
- Manual Handling
- Ground Conditions



PLANT, EQUIPMENT, MATERIALS

- CAT & Genny
- Live Plug Connector (LPC)
- Ring Clamp
- Clips and Leads
- Magnetic Clip
- Line Marker Paint



EMERGENCY ARRANGEMENTS

- Ensure you are familiar with the point of work emergency arrangements
- All work vehicles to carry First Aid Kit and Fire Extinguisher.



ENVIRONMENTAL

- Switch engines off when not in use.
- Keep noise to minimum levels where possible.
- Always remove waste and excess materials from site.



PPE REQUIREMENTS

PPE items shown below must be available and worn during this task.



COSHH

Refer to COSHH Assessments for further

Line Marker Paint

