

EXCAVATION BACKFILL



METHOD OF WORK

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

1. Reinstatement of carriageway and footways must be carried out in accordance with the New Roads and Street Works Act 1991 (Specification for the reinstatement of Openings in Highways latest edition).
2. Check all backfill materials being used conform to SROH/SROR specification.
3. Make sure work area is adequately protected and guarded during the works.
4. Where a Grab Lorry is being utilised to place backfill material within the excavation, an additional operative (2nd mate) must be present to monitor the works and pedestrian movements.
5. When using vibrating equipment, HAVS usage must be recorded, always rotate the task.
6. Ducts and cables must be adequately protected using fine fill material, ensure material is spread evenly using hand tools removing voids.
7. Use lightweight vibrating compaction plate to compact fine fill material.
8. Lay marker warning tape/boards along the top of the duct or cable route.
9. Backfill excavations to the required level using suitable material.
10. Compact in layers using Whacker/Vibrating Plate, complete the required number of passes to achieve compaction.
Note: Use a measuring stick to ensure backfill level is correct for road/surface type and does not compromise the depth of surfacing materials.
11. Where required, Clegg Tests must be carried out to confirm correct compaction has been achieved.
12. Once all backfill works are complete, ensure footway boards and road plates are secured in place where required.



HAZARD IDENTIFICATION

- Slips, Trips and Falls
- Manual Handling
- Plant & Equipment
- Live Traffic / Pedestrians



PLANT, EQUIPMENT, MATERIALS

- Rammer / Vibrating Compaction Plate
- Hand Tools (Insulated)
- Warning Marker Tape
- Aggregates
- Grab Lorry



EMERGENCY ARRANGEMENTS

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



ENVIRONMENTAL

- Ensure Plant & Equipment is switched off when not in use.
- Only refuel in designated safe areas.
- Spill Kit to be available on site.
- Always remove waste materials from site.



PPE REQUIREMENTS

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



COSHH

Refer to COSHH Assessments for further information on the below

| | |
|--------|--|
| DUST | |
| PETROL | |