



VACUUM EXCAVATOR

Our Vacuum Excavation service provides an intrinsically safe method of avoiding dangerous and expensive utility strikes.

In line with HSG47 industry best practice, the method eliminates the threat from buried services: whether it be checking known services or pre-drilling at borehole positions.

The Hydro Vac technique uses a high pressure water jet to break up the ground safely. The water jet is very effective at penetrating both cohesive and loose ground but it is not aggressive enough to damage any services that may be present. The disintegrated ground is removed via the high performance vacuum, where it is contained in the on board storage tank, for disposal.



The Vac Ex method is ideally suited to petrol forecourt operations, where service avoidance and safety are paramount. On a typical contract, our highly trained operators would attend site with the vacuum unit and a stand-alone concrete core unit.

Once service information has been checked and the position of known services established, the surface hard-standing can be cored to the appropriate diameter at each position. The vacuum unit would then be used to excavate pits to the required depth at each location.

Having ensured that the positions are free of services, the pits are then backfilled with gravel to make them safe. One of our Pioneer drilling rigs can then extend the boreholes to the required depth.

Our highly skilled crews have undergone all the required training for a majority of operations including;

CSCS
SPA
National Grid
Street Works
BESC
CAT+
RD4000

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