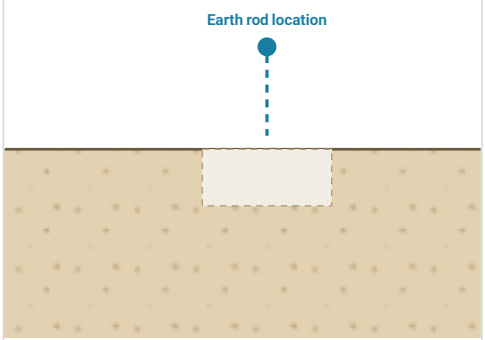
Galvanised earth rod installation steps

Eight steps from setting out to recording the measurement

GALVANIZED STEEL EARTH ROD · GVER · HOT-DIP 50–70 µm · Ø16 · Ø20

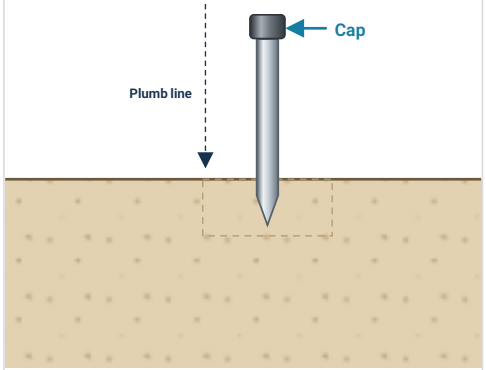
KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

1 Mark the location



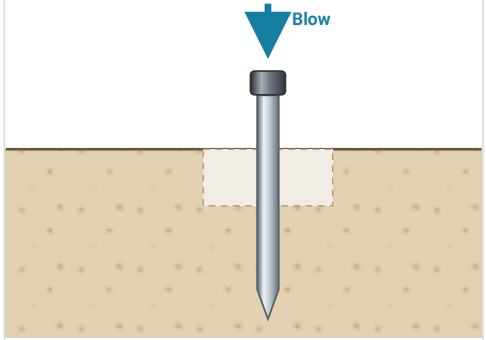
Measure soil resistivity, trace underground services and dig the earth pit hole.

2 Fit the cap



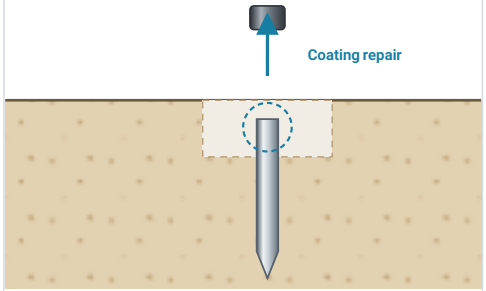
Place the driving cap on the flat top and set the earth rod, pointed end down, vertical with a plumb line.

3 Drive



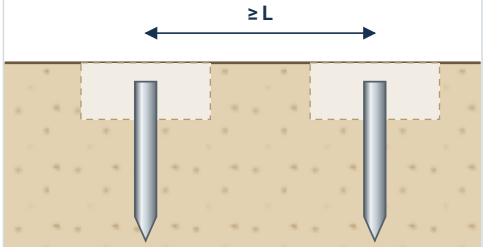
Strike with even, light, axial blows so the earth rod top stays inside the pit, at least 20 cm above its floor.

4 Repair the coating



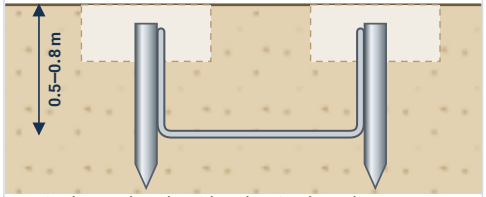
Remove the cap; if the zinc coating on the earth rod top is damaged, repair it with zinc-rich paint.

5 Measure



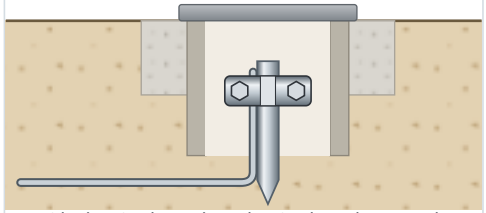
Measure the resistance; if it is not low enough, drive another earth rod at least length L away.

6 Lay the buried conductor



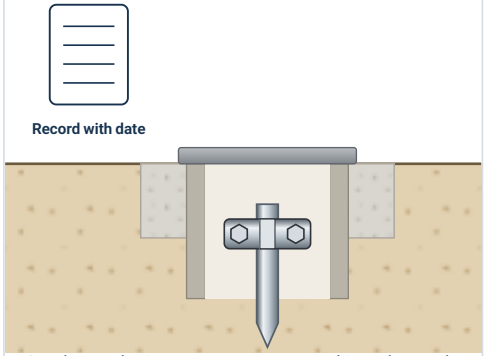
Join the earth rods with galvanised steel tape or round wire at 50 to 80 cm depth.

7 Fit the clamp



Inside the pit, clamp the galvanised conductor to the earth rod top with a galvanised U clamp or a tape clamp.

8 Pit and concrete, record



Set the earth pit, pour concrete around it and record the measured value with the date.

Figures are illustrative and not to scale.

گروه کالوت
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