



Installation Instructions

AccuRef 60 and 20 Silver/Silver Chloride and AccuRef 30 Copper Sulfate Permanent Reference Electrodes

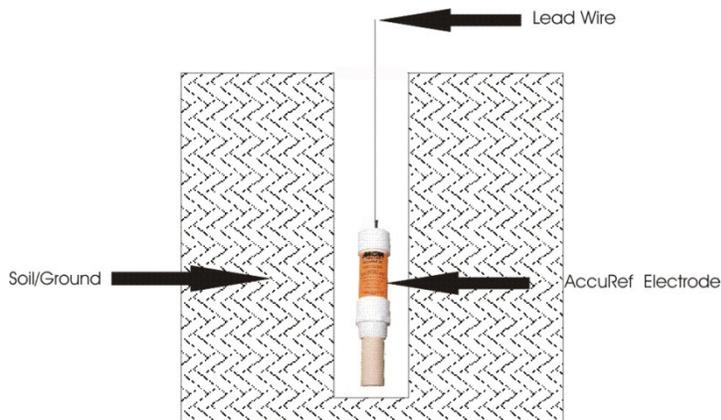
The **AccuRef 60**, **AccuRef 20**, and **AccuRef 30** are simple to install for immediate use.

The following instructions apply to all AccuRef Reference Electrodes.

Before installation, make sure you remove any covering protecting the ceramic plug.

For Use in a Vertical Hole

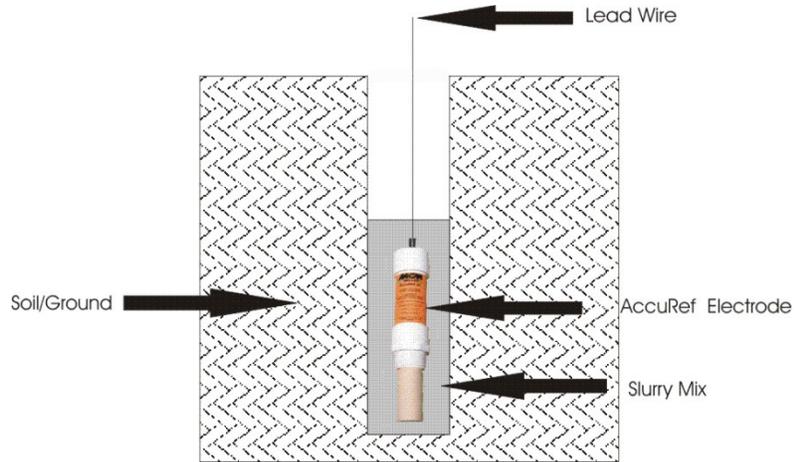
1. Drill a hole with a minimum diameter of 4" to a suitable depth (typically pipe depth) and save the removed native soil. Lower the AccuRef into the hole with the tip facing down and the lead wire coming up out of the hole.



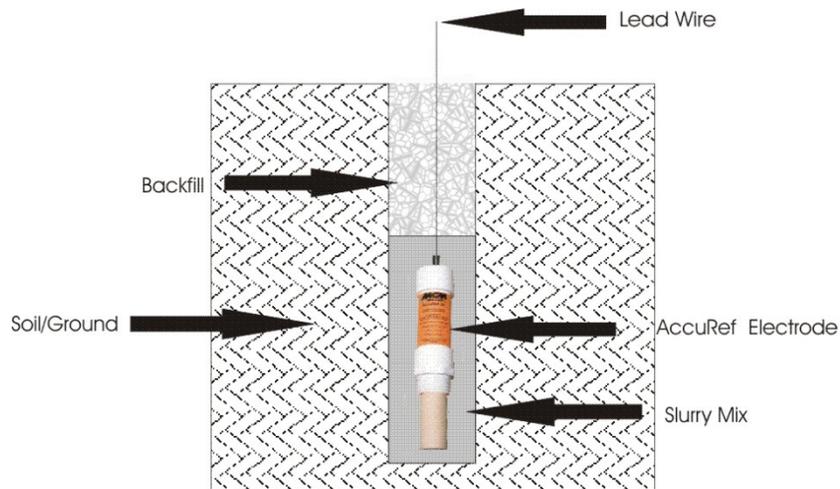
2. Dig a lateral trench from the augered hole to the test station for the lead wire.



3. Add water to a portion of the “saved” native soil adding water until the mixture is at a “pourable” consistency. Pour the mixture into the hole, making sure the ceramic tip is in contact with the moist soil and the poured soil covers the top of the AccuRef Electrode.



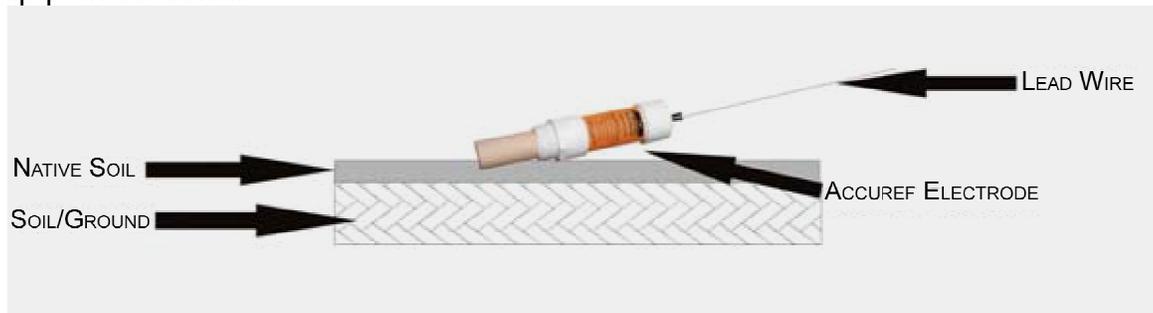
4. Backfill the hole and trench with the remaining excavated native soil





For Near Horizontal Placement

1. Dig a horizontal hole at the location you wish to place the AccuRef.
2. Backfill the hole as above using a native soil and water mixture to completely surround the electrode. **Note:** The AccuRef should be tilted to angle approximately 15 degrees off the horizontal plane with the porous tip pointed down.



3. Backfill additional native soil around the AccuRef, maintaining the degree of tilt.
4. Cover the AccuRef completely.



5. **NOTE:** The soil surrounding the AccuRef must remain moist and undisturbed.

For more information on this and other MCM Cathodic Protection equipment and software, contact us at the above address.