

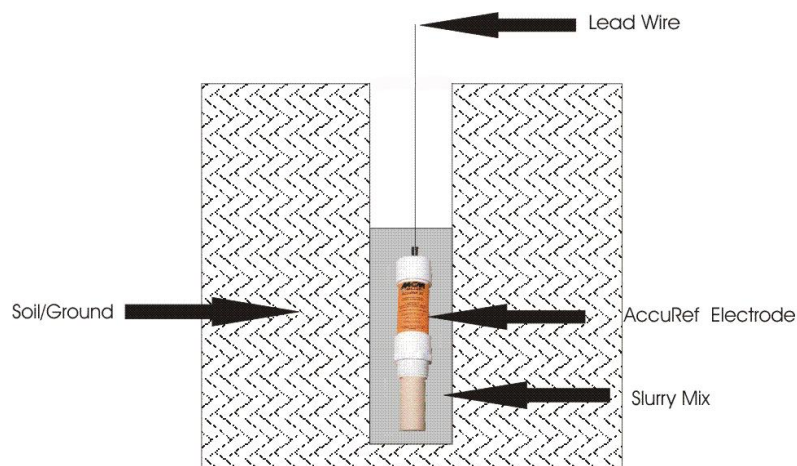
Installation Instructions

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

The following instructions apply to the installation of all AccuRef Reference Electrode types.

Before installation, make sure to remove any covering, such as a paper towel, that may be in place around the ceramic tip.

1. Augur a vertical hole with a minimum diameter of 4" down to a suitable depth (typically, pipe depth) and save the removed native soil. Lower the AccuRef Electrode into the hole with the ceramic tip pointing down and the lead wire coming up out of the hole.
2. Dig a lateral trench from the augured hole location to the test station location, if a previously-installed test station exists. The trench depth should allow the lead wire to run from the reference electrode to the bottom of the test station pipe. Next, run the lead wire along the trench and up through the test station pipe to the terminal block.
3. Add water to a portion of the "saved" native soil until the mixture is at a "pourable" consistency. Pour the mixture into the augured hole, making sure that the ceramic tip is in contact with the moist soil and ensuring that the poured soil covers the top of the AccuRef Electrode.



M. C. Miller Co., Inc.

11640 U.S. Highway 1, Sebastian, Florida, U.S. A.

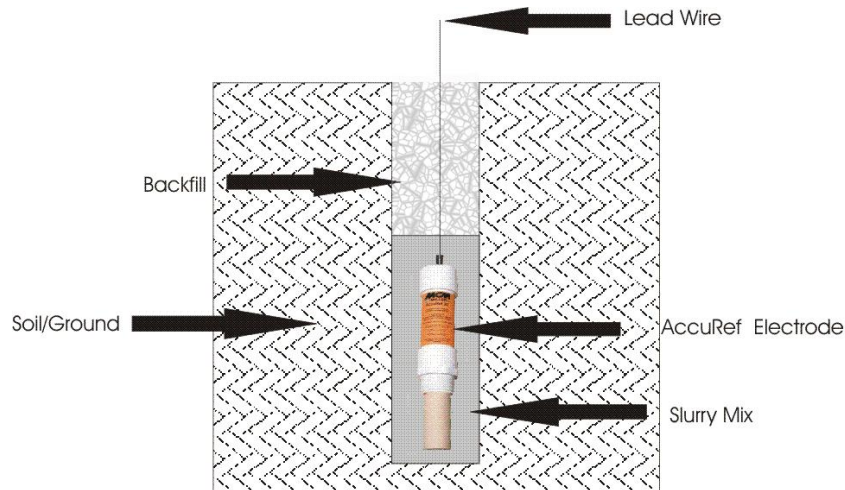
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4. Backfill the remaining hole (and trench) to grade level using the remaining excavated native soil.



5. Connect the lead wire to the "Reference Electrode" terminal on the test station terminal block and take a pipe-to-reference electrode voltage reading by connecting a high input impedance voltmeter across the Pipe and Reference Electrode terminals in order to confirm the functionality of the reference electrode and the continuity of the pipe lead and reference electrode lead at the terminal block.

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