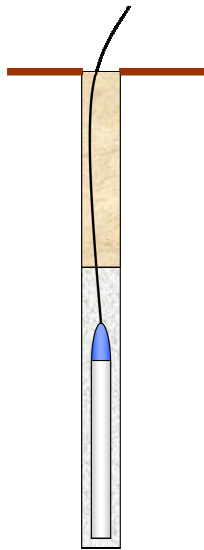




Reduced Diameter Underground Reference Electrodes

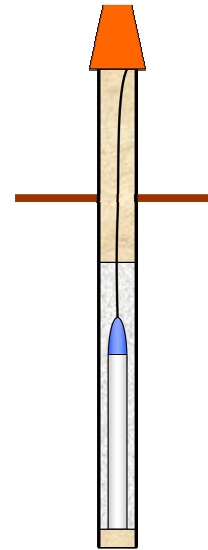
These instructions apply to all EDI reduced diameter underground reference electrodes including Models US, UD and US50 with gelled copper/copper sulfate (Cu/CuSO₄, model code CUG) or gelled silver/silver chloride (Ag/AgCl, model code AGG) elements. Be sure to follow the correct procedures. Failure to follow these procedures will significantly shorten the life of the product.

Remove electrode from carton and record the serial number and QC test potential; these are located on the yellow tag attached to the lead wire. Locate electrode as directed by the responsible Corrosion Engineer. Follow appropriate installation instructions below.



◀ Installation in a borehole

Lower electrode into a 2 inch (5 cm) diameter or larger hole. Pour or pump a slurry of 25% bentonite, 75% sand into hole to about 1 foot (30 cm) above top of electrode. Measure and record potential of permanent reference using a calibrated portable reference. Balance of hole is filled with screened local backfill.



Installation in a test station ▶

Follow above procedures for installation in a borehole.

Beneath aboveground tank ▶

Place electrode on sand base and push sand up around it. Saturate bag with potable water. Measure and record potential of permanent reference using a calibrated portable reference. Cover electrode with at least 1 inch (2 ½ cm) sand. From this point on, the electrode must not be disturbed or moved.



When backfilling, extra care must be taken to ensure that no sharp objects are pressing against the lead wire.

WHEN QUALITY COUNTS ...

At EDI, we design all our products to meet the needs of the corrosion industry. Our products are easy to install and provide consistent quality and value to the purchaser.

Every gelled reference electrode we produce has a unique serial number and is individually tested to ensure proper operation. The serial number and the QC test result are recorded on the yellow tag attached to the wire. Detach the tag and keep it with other installation records for this job.

Installation instructions for this product are on the other side of this page. Please review them and follow them carefully to ensure that you receive the long-term reliable performance we have designed into this reference electrode. Thank you for selecting reference electrodes by Electrochemical Devices, Inc.

**electrochemical
devices, inc.**



www.edi-cp.com

Get a maintenance-free portable reference electrode from the leader in reference electrode technology.



Model IT - Permanent Portable Reference Electrode

- Maintenance-free construction never needs rebuilding
- Eliminates need for hazardous liquid waste disposal
- End-grain wood membrane resists clogging and dry-out.
- For further information and ordering, visit our web site

www.edi-cp.com

Linear anodes for cathodic protection of aboveground storage tank bottoms

EDI's Model AT Linear Anode System consists of copper-cored titanium flat wire coated with platinum or mixed-metal oxide and a parallel shunt wire encased in a flexible plastic mesh. Its unique connector system allows modular sections to be easily joined in the field.

Model AT - Linear Anode System



- Installs quickly
- Less material to handle
- Highly Redundant
- Safe

This anode is also used for pipelines and underground storage tanks.

For further information, please visit

www.edi-cp.com/at2.htm