



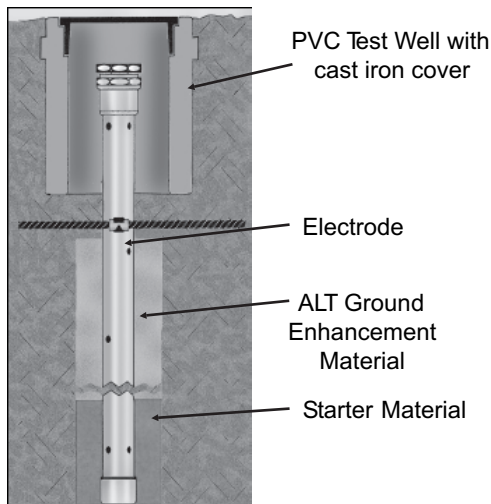
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Advanced Grounding Electrode Installation Guide

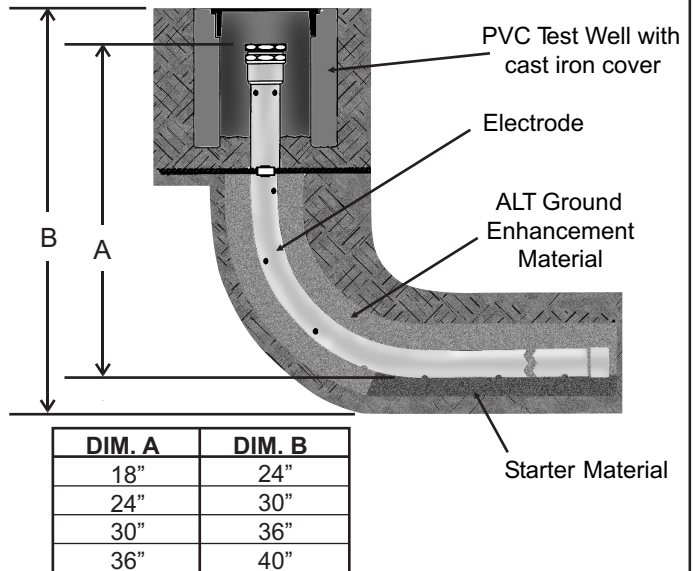
Advanced Grounding Electrodes (AGE®) can be installed indoors or outdoors. Breather ports near the top of the electrode shall be exposed to open air. Do not install where watershed will flood the electrode. Do not install close to the edge of a sheer cliff or drop off.

Vertical Installation



- (1) Auger a vertical hole with a minimum diameter of 6". The depth of the hole should be 6" more than the length of the electrode.
- (2) Remove all tape covering ports.
- (3) Position electrode in the center of the hole.
- (4) Apply the specially formulated AGE starter material. Add one gallon of water after adding starter material and before backfilling with ALT Ground Enhancement Material.
- (5) While retaining access to conductor tail, hold electrode in the center of the hole, backfill with ALT Ground Enhancement Material, and finish filling with topsoil. *
- (6) Install test well centering the electrode inside the test well.

Horizontal Installation



- (1) Dig trench the length of the electrode. **See chart for depth.**
- (2) Apply the specially formulated AGE starter material in the bottom of the trench. Add one gallon of water after adding starter material and before backfilling with ALT Ground Enhancement Material.
- (3) Remove all tape covering ports.
- (4) Position electrode in the center of the hole.
- (5) While retaining access to conductor tail, hold electrode in the center of the hole, backfill with ALT Ground Enhancement Material, and finish filling with topsoil. *
- (6) Install test well centering the electrode inside the test well.

*Note:

- Level of ALT Ground Enhancement Material is dependent on hole size.
- It is not necessary for ALT Ground Enhancement Material to reach top of conductor tail.

Each Kit Contains:

- Fully charged electrode
- Exothermically welded 4' conductor tail
- Heavy duty PVC ground inspection well with cast iron cover
- ALT Ground Enhancement Material backfill
- Specially formulated AGE starter material
- Additional chemicals for refill when using the immediate result recommendation

For immediate low resistivity results: remove the cap from the electrode & slowly pour 5 gallons of water through the chemicals. Refill chemicals using the extra chemicals supplied with kit.

This process will accelerate the establishment of the electrolytic root system & provide immediate lower ohm readings. It is recommended when using this process to wait 48 hours prior to testing in order to obtain an accurate reading.

SERIES 3400 • CHEMICAL GROUND RODS

Tower Components • Coax Support
 Lightning Protection • Grounding Components