SAN-EARTH Lateral Electrode: Step 1

- Dig a trench about two feet deep, one and a half to two feet across and several yards long.
- Lateral design provides best performance at lowest cost.
- Maximum electrode surface area.
- Minimum installation expense.
SAN-EARTH Lateral Electrode: Step 2

- Lay copper conductor along the center of the trench.
- #2 AWG tinned solid wire is recommended.
- Insulating the wire where it exits the cement is a good idea (Electrical tape works well for this).
SAN-EARTH Lateral Electrode: Step 3

- Open a bag of SAN-EARTH and spread the material across the width of the trench by slowly dragging the bag along its length.
- One bag of SAN-EARTH will cover about ten lateral feet in the trench.
SAN-EARTH Lateral Electrode: Step 4

- Lift the wire slightly to allow the SAN-EARTH to get under it encircling the conductor.
SAN-EARTH Lateral Electrode:  Step 5

- Gather the SAN-EARTH around the conductor in the center of the trench making sure the wire is surrounded.
- Let the SAN-EARTH taper off to a depth of about one quarter inch at the edges of the trench.
SAN-EARTH Lateral Electrode: Step 6

- Backfill the first few inches carefully by hand.
SAN-EARTH Lateral Electrode:  Step 7

- Tamp down the dirt as you go along.
- Compression is important.
- At this point heavy equipment can be used to fill in the rest of the trench.
SAN-EARTH Lateral Electrode:  Step 8

- The reduction in resistance is immediate and measurable.
- The electrode will absorb moisture and harden over time.
- Provides permanent consistent results.
Easy Installation – A Review

- Dig a trench 24 inches wide and 2 feet deep.
- Lay a copper conductor down the center of the trench.
- Spread a thin layer of SAN-EARTH as a dry powder over and around the conductor and across the width of the trench.
- One 55 pound bag of SAN-EARTH will cover at least 10 lateral feet.
- Cover with 4-5 inches of soil and tamp until firmly packed.
- Refill the trench and the job is done.
SAN-EARTH

- Best Results
- Lowest Cost
- Proven Performance
- Environmentally Safe
- Permanent
- Made in USA

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