

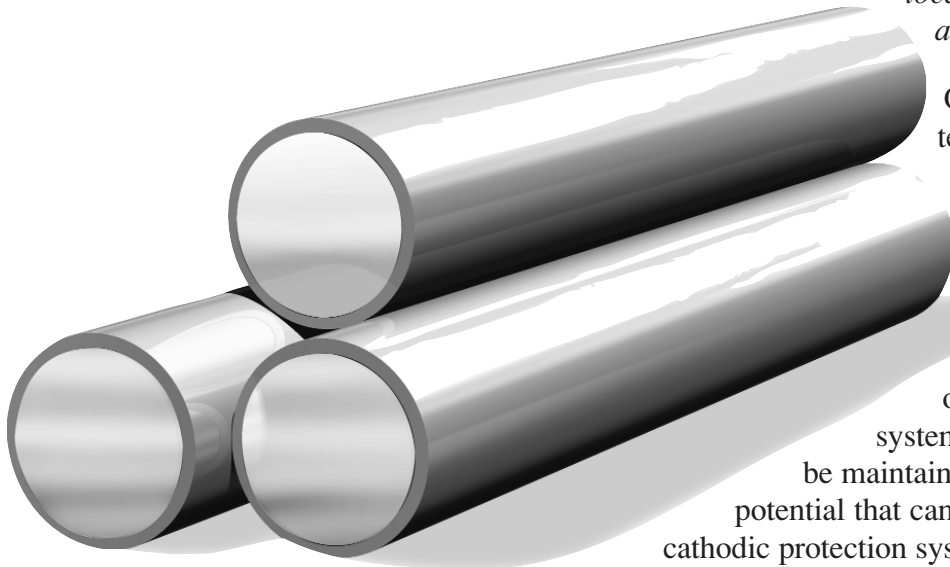


# EARTHLINE™ GROUNDING ROD

## Product Data Sheet

**ANSI/IEEE Standard 80 - Guide for Safety in AC Substation Grounding** - recommends the following basic requirements for grid conductors, joints and connecting leads:

- *Resist fusing and mechanical deterioration under most adverse combination of a fault current magnitude and duration.*
- *Be mechanically reliable and rugged to a high degree, especially on locations exposed to corrosion and physical abuse.*



One of the primary concerns in terms of designing a grounding system for a pipeline facility or gas compressor plant is selecting a material that is resistant to corrosion and does not interfere with the existing cathodic protection system of the plant underground piping system. Zinc is an active metal which can be maintained at a satisfactory electrochemical potential that can reasonably be protected by the cathodic protection system of the facility.

Earthline™ is a zinc-coated steel conductor manufactured by The Platt Brothers & Company for grounding grid applications.