

## Expand-A-Rod Anode System

### Product Data Sheet

The Expand-A-Rod™ Anode System has been designed to allow the corrosion engineer unprecedented flexibility in the design of impressed current anode cathodic protection systems. It has been designed for easy and simple installation; reducing installation costs significantly. It was introduced in 1986 and has withstood the test of time.

Using a strong ductile metal substrate, activated with inert conductive ceramic coating, CerAnode™ Technologies has developed impressed current anode designs for cathodic protection that feature easy installation, factory lead wire connections, underwater connectors together with rugged construction. These anodes also feature dimensional stability over their 20-year design life.

The Expand-A-Rod™ Anode System is easy to install. It consists of a choice of different prefabricated anode rod lengths, terminating connector cables, anchoring clevises, stabilizing weights, all with screw connectors. The anode rod segments simply screw to each other or to interconnecting cables by the user to produce the desired custom length anode system. The terminating connector cable easily attaches to the last rod. Current can be fed from both ends if desired.



# CerAnode™ Technologies International

Division of APS-Materials, Inc. -----

The ceramic anode coating provides a long life of 20 years at the rated current output; longer if the current demands are lower. The conductive ceramic consisting of Iridium oxide in combination with valve metal oxides and the unique CerAnode Plasma Spray Processing results in an anode material with dissolution rates superior to all other known anode materials available on the market. This durable ceramic coating provides both the abrasion and corrosion resistance necessary to meet most of the harsh environmental demands of the CP Industry. The Expand-A-Rod Anode System also features a factory Cable-to-Anode Connectors employing redundant fluoropolymer water-tight seals for continuous immersion that are resistant to



Nascent Chlorine Gas and other harsh chemicals associated with many CP applications. All components are backed by the well respected CerAnode 7-Year Anode Warranty.

## How to order:

EAR-STI-1500-500-8C/FW20YR-Cable Type      Rod Size = ½" (12.7 mm) x 5 Feet (1.5 meters)

EAR-STI-1500-500-4C/FW20YR-Cable Type      Rod Size = ½" (12.7 mm) x 5 Feet (1.5 meters)

EAR-CC-Cable Type (Connector Cable for above)      Connector Cable screws into top end of rod

8 or 6 AWG Halar/HMWPE

8 or 6 AWG Kynar/HMWPE

8 or 6 AWG HMWPE