

# Packaged Pure Zinc Reference Electrode

## APPLICATION

The Refine™ Zinc reference electrode is designed for underground buried structures, typically pipes, vessels and tanks. The pure zinc element gives a fixed reference point for ongoing monitoring of your cathodic protection system. The Refine™ reference electrodes are designed for use in wet and dry soil areas.

### MATERIAL SPECIFICATION

Electrode Element	Zinc meets the latest revisions of ASTM B69 for Special High Grade Zinc Composition, ASTM B418, Type I and II and Mil 18001K, Type I and II.
Electrode Media	N/A

### PERFORMANCE DETAILS

Operating Life	Minimum 25 years if handled and installed to manufacture's spec
Shelf Life	Indefinite when following manufacture's recommendations
Stability	+ or – 5mV at 5µA
Temperature Range	0 - 75° C (32 - 187° F )

### DIMENSIONAL DATA

Electrode Body Diameter	Standard 25mm (other options available on request)
Electrode Body Length	Standard 150mm ( other options available upon request)
Nominal Weight	780 grams (27.5 oz) excluding cable tail

### CABLE TAILS

Standard Specification	To be specified by client
You Specify	Cable tail fitted to your requirements

### QA/QC Details

Traceability	Certificate of conformity for zinc material supplied on request
Test Acceptance	Less than 5 milliohms connection resistance between MMO tube and cable

