Zinc Earthing Cells

**APPLICATION**
These products are used for 2 main purposes:-
1. Instead of a copper grounding rod to avoid bi-metallic corrosion of associated ferrous structures.
2. To mitigate voltages induced onto the pipelines from overhead AC power lines. The pipeline can be grounded using these electrodes without disruption to the Cathodic Protection current.

**ZINC EARTHING ELECTRODE (DOUBLE) DATA**
- Size Bare: 2 No 35 x 35 x 1525mm c/w 12mm Dia M.S. Core Extending 25mm At One End
- Size Packaged: 165mm Dia x 1700mm Length
- Cable: 1 x 25mm² XLPE/PVC (Black) x 5m Length (Or To Client Specification)
- Weight: 70Kgs (154lbs)

**ZINC EARTHING ELECTRODE (SINGLE) DATA**
This product combines two zinc reference cells, insulated from one another. One electrode would typically be connected to the protected structure, the other to an earthing device. The electrodes are surrounded by low resistivity backfill allowing large stray currents to pass between them. The enables the structure to be earthed to ground with providing a direct connection.
- Size Bare: 1 No 35 x 35 x 1525mm c/w 12mm Dia M.S. Core Extending 25mm At One End
- Size Packaged: 120mm Dia x 1700mm Length
- Cable: 1 x 25mm² XLPE/PVC (Black) x 5m Length (Or To Client Specification)
- Weight: 35Kgs (77lbs)

**Zinc Composition**
- Cu: 0.005% max
- Al: 0.10 – 0.50%
- Fe: 0.005% max
- Cd: 0.025 – 0.07%
- Pb: 0.006% max
- Others: 0.10% total
- Zn: Remainder
ZINC EARTHING ELECTRODE DRAWINGS

SINGLE ELECTRODE

DOUBLE ELECTRODE

CABLE CONNECTION