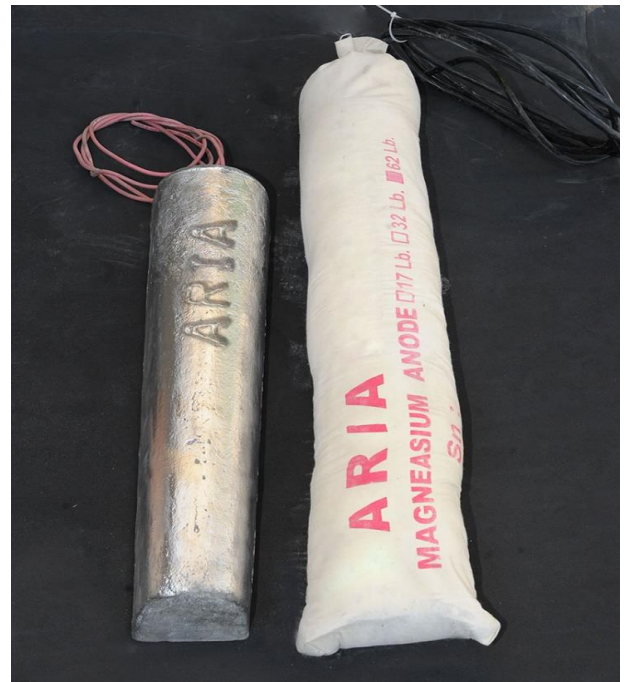
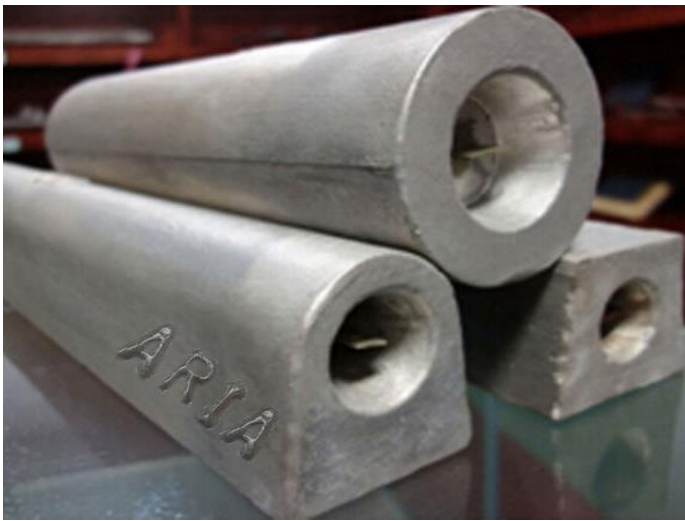




# MAGNESIUM ANODE (17 Lb Standard Potential)

## TEMPORARY CATHODIC PROTECTION SYSTEM



REV.	Date	Description/Issued for	Prepared	Checked	APP

**TECHNICAL DATA SHEET**

**Acc. To BS-7361:**

Open Circuit Potential (Cu/CuSo<sub>4</sub>) (V) = -1.5

Energy Capability (Amp-Hr/Kg) (Min) = 1200

Current Efficiency (Min) = 65

**Performance Properties:**

**Chemical Composition:**

☐ High Potential (According to IPS-M-TP-750)		■ Standard Potential (According to ASTM-B 843)	
Elements	Composition	Elements	Composition
Aluminum	0.01%	Aluminum	5.3-6.7%
Zinc	---	Zinc	2.5-3.5%
Manganese	0.9-1.2%	Manganese	0.15-0.7%
Silicon	---	Silicon	0.3% max
Copper	0.02%	Copper	0.05% max
Iron	0.03%	Iron	0.003% max
Nickel	0.00%	Nickel	0.003% max
Other Elements	0.3%	Other Elements	0.3% max
Magnesium	Remainder	Magnesium	Remainder

**Dimension & Weight**

Length: 650 mm    Dia: 90 mm    Height: 90 mm

**Insert**

Dimension (mm):    Length= 487    Dia= 16    Thickness= 1.5  
Material:    Galvanized Steel

**Gross Wt. (Kg) (Approx.)**

Without Backfill= 7.7    With Backfill= 20.5

**Cable**

Length & Size    3000mm & 1×16 (mm<sup>2</sup>)

Shield

- ☐ Double Jacket HMWPE/PVDF  
■ Double Jacket XLPE/PVC

**Backfill**

■ Yes (With Canister)    Gypsum= 75 %  
Bentonite= 20 %  
Sodium Sulphate= 5 %

☐ No (Without Canister)