



Zinc Earthing Rod

Zinc anodes are not only used for cathodic protection, but also applied as earthing cell.

YUXI designed the earthing cell with two zinc rods, insulated from one another. One electrode would typically be connected to the protected structure, the other to an earthing device. The electrodes are packaged and surrounded by low resistivity backfill allowing large stray current to pass between them.

This type of Pre-packaged zinc grounding cells from ASTM Standard Metals provide low resistance across an insulating joint without excessive loss of cathodic protection current.

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APPLICATION

- ▶ Steel pipe
- ▶ Insulated flange
- ▶ Cathodically protected pipe
- ▶ Steel Pylon
- ▶ Other steel structures under tower



FEATURES

- ▶ Strictly conforms to ASTM 8-418-73, type II
- ▶ Low resistivity backfill: 75% gypsum, 20% bentonite and 5% sodium sulfate
- ▶ Two or four anodes as requests
- ▶ Separated by insulating spacers
- ▶ Cable tail can be customized
- ▶ Easy installation

CHEMICAL COMPOSITION

Standard Alloy (Max.)	Zinc	Cu	Al	Fe	Cd	Pb	Others
Zinc Cell	remainder	0.005%	0.10-0.50%	0.005%	0.025-0.07%	0.006%	0.10%

SPECIFICATIONS

Model	Type	Sectional Size	Length	Approx. Packaged Weight
YX-ZC-1	Two Anode Unit	35mmx35mm	1524mm	53Kgs
YX-ZC-2	Two Anode Unit	51mmx51mm	1524mm	92Kgs