



A MAINTENANCE FREE CHEMICAL EARTHING ELECTRODE

**A COMPLETE
EARTHING
SOLUTION
FOR NO MORE
SHOCK**



G.S. ELECTROTECH PRIVATE LIMITED

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An ISO 9001:2008 Certified Company



A Maintenance Free Chemical Earthing Electrode | A Complete Earthing Solution For No More Shock |

OUR COMPANY : GS Electrotech Pvt. Ltd. is an association of dedicated and hard working professionals. The Company is a manufacturer of the Chemical Earthing Electrode, Ground Enhancement Minerals, Earthing Enhancement Minerals, and also deals in Lightning Arr-ester, Solar pannals and Electrical Pannals. We provide complete & consistent solutions for all types of Electricals and Earthing Solutions.

G.S. EARTHING ELECTRODE : GS Earthing Electrode has developed GEL Earthing (Maintenance Free Chemical Earthing) after a long consistence R & D. In this, we have given maximum area and better design for discharging of current. It has developed Pipe in Pipe, Pipe in strip, Pipe in Rod Technology.

In this technology, we used G.I. and Copper whichever is required. The G.I. Pipe and terminal on the top fabricated in high quality MS material and hot dip galvanized 80 to 100 microns and the Pipes are filled hydrosopic conductive compound and anti corrosive crystalline conductive mixture.

GROUND ENHANCEMENT MINERALS : Earth enhancement Minerals (Back fill compound) is a superior conductive material that improves earthing effectiveness especially in areas of poor conductivity such as rocky ground, sandy soil & areas of moisture variation. It has good hydrosopic and rich conductive compound. It has property to retain the moisture for a long time. It has quality to retain the moisture upto 15 times and its not soluble in water. Its contain conductive graphite carbon powder, Aluminum sulfate, montmorillonite, Potassium Nitrate, Sodium Hydroxide etc. Its placed around earth electrode in the earth pit to improve the conductivity of earth electrode & ground contact area.

PRODUCT SPECIFICATIONS

(Pipe in Pipe, Made by G.I.)

PRODUCT NAME	OUTER PIPE DIA (mm)	INNER PIPE DIA (mm)	LENGH (mm)	TERMINAL (mm)
G-40M	40	20	2000	32X6
G-40N	40	20	3000	32X6
G-50M	50	25	2000	40X6
G-50N	50	25	3000	40X6
G-65M	65	32	2000	40X6
G-65N	65	32	3000	40X6
G-80M	80	40	2000	50X6
G-80N	80	40	3000	50X6

ADVANTAGE AND BENEFITS:-

- * Less time space and manpower required for installation.
- * A maintenance Free earthing.
- * Cost saving on maintenance.
- * No material replacement during its life period.
- * Ohmic value always within safe limits.
- * Smooth dissipation of fault, lightning and short circuit current.
- * How Electrical resistance.

PPLICATIONS:-

- * Sub stations, Power Generating Stations.
- * Equipment earthing / electrical machines.
- * Lightning arrester, Diesel Generators.
- * Computer & Data processing Centers.
- * Low / Medium / High / Extra high Voltage Applications Domestic & Industrial.

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