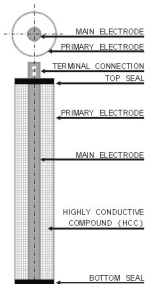


# MF Earthing Electrode

## WHAT IS EARTHING ?



CHEMO

M.F. EARTHING ELECTRODE

Earthing is an electrical connection between metallic parts, structures or electric circuits to the ground through buried conductor, i.e. GI, CI or Copper.

Generally in any earth system (or earth pit) measures are taken to ensure the good conductivity with low earth resistance.

For this purpose water/humidity retaining compounds like salt, charcoal, etc are used in the earth pit with various metallic parts with Salt and charcoal in an earth pit, the life of the metallic parts gets degraded due to corrosion.

## CHEMO MF HCC Filled Earthing Electrode

After lots of concentration & Experience in earthing field we have Design & Developed New Technology based Latest "CHEMO" MF HCC Filled Earthing Electrode is the innovative method of Dual Electrode technology having a compartment of outer shell, inner shell with the terminal on the top, fabricated in high quality ERW material and subsequent galvanization to strengthen the flow / dissipation of fault / static current to its maximum safety, Annular space between Dual Electrodes is filled with a HCC (Highly conductive compound).

## Technical Specification

Chemo MF Earthing electrode is designed as per IS 3043:1987 standard (Code of Practice for Earthing) with following features and benefits.

- Multifaceted proactive earthing protection
- Earthing Electrodes to ensure maximum conductivity
- Contains a highly conductive compound (HCC) to protect the main earth electrode in the soil
- High rust resistive, good conductive & Corrosion free
- Least variation in ohmic value
- Large surface area to carry large fault current
- Control Radio Hz Emissions & Electromagnetic interferences
- Provide stable reference potentials for instrument accuracy

## SRIP Back Filling Compound

Our SRIP (Soil Resistivity Improvement Powder) compound is a conductivity improver and specially developed for good quality of highly conductiveness with following salient features and benefits.

- Non corrosive, absorbing & retaining the moisture and reduces the soil resistivity.
- Faster dissipation of fault current, least fluctuation of ohmic value and it eliminates the use of Salt, Charcoal.



SRIP / SRIP+  
Earthing Compound

CU / GI / HDGI  
Chemo Earthing  
Electrode

Earthing is necessary.  
Not an accessory...

## Copper Cladding / Bonding Earth Rod

- Uniform copper plating and high corrosion resistance.
- Purity of the copper is 99.9%
- Low Magnetic conducting rate and higher anti-tension
- Good tensile strength.

## Earthing Pit Cover and Display Board

- Give high level of safety to Earthing electrode.
- Save completely civil work cost and Possible to Relocated.
- Indicate the record data i.e. Inspection & due date.
- Easy to maintain for longer life.
- Corrosion & rust free structure.
- Record all require data in single board.



## Installation Method

- Bore a hole of 8"–10" in diameter at a place where earthing is to be done, to a suitable depth of 2–3 Mtr.
- Place the Earthing Electrode inside the pit.
- Mix the SRIP compound nicely with the soil.
- Re-Fill the empty space around the Earthing Electrode.
- While re-filling the space, pour water in the PIT.
- Pack the soil around Electrode tightly and nicely.



## DIMENSIONS

Sr.	Model	Outer Dia. (mm)	Length (mm)	Application
1	PT-502	50	2000	Domestic, Body earthing, Electronics devises
2	PT-503	50	3000	Body earthing for Drive, PLC & Automation equipment
3	PT-802	80	2000	Body & Neutral earthing for industrial equipment
4	PT-803	80	3000	Transformer, Generator, Lightning arrester etc.



## Powertrac Solar Projects Ltd.

**CORPORATE OFFICE :** F-612, Titanium Business Park,  
Titanium City Centre, Corporate Road,  
Prakhd Nagar, Ahmedabad - 380 015, GJ., India.

Pheno : (079) 28640588  
Hand Call : +91 9609954815  
E-mail : [info@powertracgroup.in](mailto:info@powertracgroup.in)

**BRANCH OFFICE :** Plot No. 163 A1/A2, 2nd Phase,  
G.I.D.C., VAPL Dist. Valsad - 386 186,  
Gujarat, India.

Hand Call : +91 9609954818  
Hand Call : (0280) 8546749  
E-mail : [sales@powertracgroup.in](mailto:sales@powertracgroup.in)

**FACTORY :** Survey No.451, 8th, Mother Dairy, G.I.D.C.,  
Wadhwa, Dist.Surendranagar-383 036, GJ., India.

Pheno : (02752) 284328 / 243329  
Hand Call : +91 9609954817

Authorised Distributors / Channel Partner:

