



PRAGATI ELECTROCOM



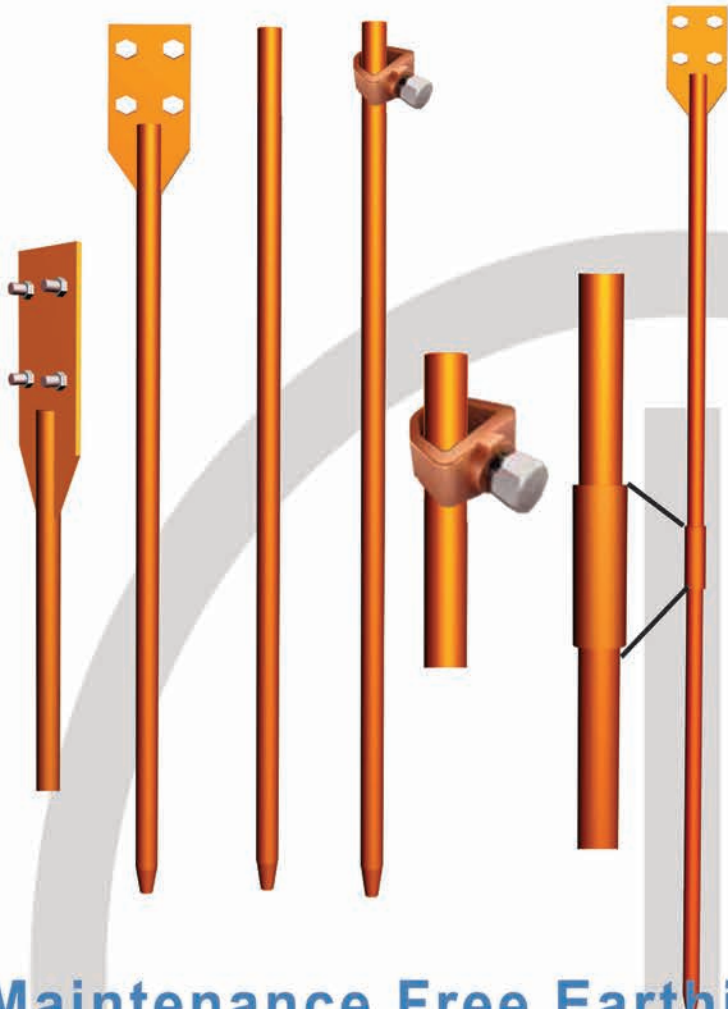
Making **Technology**
Work For Business

MAINTENANCE FREE EARTHING

UL, CPRI, NABL Certified



Accelerate your business potential with innovations from PRAGATI ELECTROCOM
An ISO 9001; ISO 14001; OHSAS 18001 certified company



Pragati Earth Enhancement Material **LOHM**[®]

Properties:

- Permanent and maintenance free (no re-charging with salts or any other chemicals)
- Sets firmly and maintains its earth resistance with time.
- Does not dissolve or decompose or otherwise pollute the soil or the local water table.
- Suitable for use in dry form or slurry form.
- Does not dependent on the continuous presence of water or moisture in the surrounding to maintain its conductivity.
- In its set form shall have a resistivity of less than 0.07 ohm- m
- Conforms to IEC 62561 Part-7 – Requirement of Earthing Enhancing Compound
- Has better hygroscopic properties and main tains moisture around the earth electrode.
- Non toxic, non reactive, non explosive & non corrosive.
- Suitable for any kind of electrode and all kinds of soils of different resistivity.
- Does not cause burns, irritation to eye, skin etc.
- Supplied in sealed, moisture proof bags, marked with Pragati name, quantity, batch no & date of manufacture.
- Available in standard packing of 10/15/20/23 KG

Maintenance Free Earthing

ISO 9001; ISO 14001; OHSAS 18001



Earth Electrode

- Length: 3/2 meters
- Nominal Diameter: 17 mm
- Thickness of copper coating: >250 Microns(Molecular bonding)
- Steel Core: 1035 steel cold drawn to ASTM A 1080 and AISI C 1017 standards, tensile strength min. 90000 psi.
- Copper Used for Coating: DHP alloy No. 122 CDA and rated at 99.95% copper.
- UL Listed UL marked with part number & control number assigned by UL, satisfying standard CSA-C22.2 No. 41 in the in the category ANSI/UL 467

Earth Electrodes with other lengths and diameters can are also available for large quantities.



www.pragatielectrocom.com

“Innovative Technologies along with quality control and timely deliveries are Key to present day Business”

Pragati LOHM[®] Conductive GEL

Properties:

- Non corrosive ground enhancing gel with low solubility but is very hygroscopic
- Electrolyte base, which contributes to high conductivity of the mixture.
- Provides a long lasting conductor product deposit.
- Has a capacity to create partially ionized electrolytes, with a high charge and a high capacity to retain water.
- Remains in the ground for a long time, thanks to the formation of links with the particles.



Poly Pit Chamber

Properties

- Offers total protection and inspection point to earthing system in industrial and commercial applications.
- Environment friendly, heavy duty, weather proof and chemical resistant material of poly plastic.
- Locking facility provided at the top.
- The base unit has 4 knock-out openings for the outing/interconnecting of strips to form a GRID.
- Offers high mechanical strength, zero water absorption and resistant to sunlight rays.



Dimensions:

At Top 10 inches (254mm)
Bottom 13 inches (330mm)
Height 10.25 inches (260mm)



Copper Coated Strip

Specifications

- Length: 3.0 meters
- Nominal Width: 25 mm
- Nominal thickness: 3 mm
- Thickness of copper coating: >250 Microns (Molecular bonding)
- Holes on either end for connection to Earth electrode/ interconnection to other strips
- Steel Core: 1035 steel cold drawn to ASTM A 1080 and AISI 1017 standards, tensile strength min. 90000 psi.
- Copper Used for Coating: DHP alloy No. 122 CDA and rated at 99.95% copper.



Exothermic

Exothermic Welding System: Earth electrode and protective conductors are joined by exothermic welding process that employs superheated copper alloy to make permanent & maintenance free joint, avoiding unreliable screwed joints. The welding system is UL 467 approved. Molding kits for all types of Grounding connections are available.





Pragati's Pride



INNOVATIVE THINKING

Great Minds at Work. At Pragati Electrocom the emphasis is given on Innovations, quality and delivery on time.

Pragati Electrocom has been the Pioneer in the fields of Innovation as we have analysed the practicalities and have modified our products to suit various environment.



Product / System Certificates: UL, CPRI, NABL, ISO 9001; ISO 14001; OHSAS 18001
Approvals: RDSO, MES, Reliance Telecom, Indus Towers, State Electricity Board



Put our services to the test,
 contact us for a free consultation today.



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