

**WE CREATE
FOR YOUR
SAFETY**


**METAL HUB
(BHARAT)**
Specialists In : Earthing and Cable



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What is Earthing?

Earthing Is The Process Of Creating An Alternate Path For The Safe Flow Of Fault/excessive Current In The Presence Of Minimum Resistance Or Impedance.

Purpose of Earthing :

The Primary Purpose Of Earthing Is To Reduce The Risk Of Serious Electric Shock Caused By Leakage Of Current In An Insulated Metal Part Of An Appliance, Power Tool Or Other Electrical Equipment. In A Properly Earthed System, Such Leakage/fault Current Flows Away Harmlessly Tripping The Field. Over The Years Billions Of Dollars Worth Of Property Have Been Destroyed Due To Power Failures, Short Circuits Etc. Caused By Improper Grounding Systems.

OUR WIDE RANGE OF PRODUCTS

METAL HUB - Manufacturer of G.I. Cable Tray
METAL HUB - ESE LIGHTNING AREESTER & DIGITAL COUNTER
METAL HUB - COPPER BONDED EARTHING ELECTRODE
METAL HUB - PURE COPPER EARTHING ELECTRODE
METAL HUB - GI PIPE IN EARTHING ELECTRODE
METAL HUB - EARTHING PIT COVER
METAL HUB - BACKFILL COMPOUND
METAL HUB - ALL TYPES OF G.I. STRIPES
METAL HUB - COPPER EARTHING STRIPS



**Manufacturer of
G.I. Cable Tray**

Tray Width : 50 mm to 1200MM
Tray Type : Perforated Cable Tray
Cable Tray Galvanized Coating,
Pre-Galvanized, Powder Coated,
Hot-Dip Galvanized
Sheet Thickness : 1.6 to 6 mm
Cable Tray Length : 2.5 m
Coating Type : Pre Galvanized

Cable Tray Type : Perforated
Support Type : Wall Mounted
Application Area : Industrial
Thickness : 1.6 mm - 6 mm
Surface Finish : Color Coated
Usage/Application : Electrical Fittings



METAL HUB - ESE LIGHTNING AREESTER & DIGITAL COUNTER

- ✓ ESE L. A Tested as per NFC - 17 - 102.
- ✓ ESE Lightning arrester is to provide the highest level of lightning protection to the buildings from lightning.
- ✓ ESE Lightning arrester is designed and installed as per the application requirement.
- ✓ Lightning Strike Counter is Tested and Certified from International LAB for 100 kA on 8/20 micro second wave form.
- ✓ 6 Digit Digital Counter packed in IP67



METAL HUB - COPPER BONDED EARTHING ELECTRODE

- ✓ Long Life.
- ✓ Enhance Conductivity.
- ✓ Contain for long period moisture retain electrode.
- ✓ This conductor is high strength, Excellent elasticity as steel but also good conductivity and corrosion resistance like copper.
- ✓ Tested from NABL & CPRI Lab.



METAL HUB - PURE COPPER EARTHING ELECTRODE

- ✓ Used 100% Pure electrolytic Copper for long Life.
- ✓ Designed for fast fault current dissipation.
- ✓ Easy and Fast installation at site.
- ✓ Most suitable for electrode condition with pH value between 5.0 to 8.0
- ✓ Completely Maintenance Free hence eliminating maintenance cost.



METAL HUB - GI PIPE IN EARTHING ELECTRODE

- ✓ Hot dip galvanized for corrosion protection.
- ✓ Designed for fast fault current dissipation.
- ✓ Easy and Fast installation at site.
- ✓ Most suitable for electrode condition with pH value between 5.0 to 8.0
- ✓ Completely Maintenance Free hence eliminating maintenance cost.

METAL HUB - EARTHING PIT COVER



- ✓ FRP Earth Pit is a majorly used to cover earthing and helps to protect exposure of earthing to environment.
- ✓ Factory built holes for accessing stripe/wire easily at both sides for connection.
- ✓ Assuring long life safety.
- ✓ Green top cap matches the environment of earth electrode PTI.

METAL HUB - BACKFILL COMPOUND



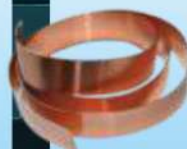
- ✓ No Need to add water overtime.
- ✓ Resistivity less than 0.2 ohm-meter.
- ✓ The soil moist for a longer period and lowers ground resistance.
- ✓ Graphite based having some more.

METAL HUB - ALL TYPES OF G.I. STRIPES



- ✓ HOT DIP Gi Earthing Strips covered with a protective coating of zinc that greatly to reduce its tendency to corrode and extends its life expectancy.
- ✓ Zinc Coating With Minimum 86 Microns extends life expectancy upto 15Years
- ✓ All Size Gi Strips Available starting from 25x3mm to 100x12mm.

METAL HUB - COPPER EARTHING STRIPS



- ✓ Copper Earthing Strips used as HV electrodes for standard earthing arrangements on ground mounted LV MV HV substations.
- ✓ Copper Strip protect against atmospheric corrosion and hence provide longer life under corrosive atmosphere.
- ✓ All Size Available From 25x3mm to 100x10mm With EC Grade & 99.9% Cu Purity



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Branches : Mumbai | Hyderabad | Bangalore

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