



# POWER

## Chemical Earthing



- Copper Strips, Copper Plates, Copper Bonded
- GI Strips, GI Plates, Copper Bonded
- Chemical Earthing (Copper/GI/Copper Bonded)
- Lighting Arrestor and GI Copper & Copper Bonded
- Earthing Backfill Compound
- Earthpit Chamber Covers



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### WHAT IS EARTHING

Earthing is the Process of Creating Alternative Path for The Flow of Fault/Excessive Current Safety into the Ground in the Presence of Minimal Resistance or impedance

### PURPOSE OF EARTHING

The primary purpose of earthing is to reduce the risk of serious electric shock from current leaking into insulated metal part of an appliance, power tool, or other electrical services. in a properly earthed system, such leaking/fault current age carried away harmlessly while tripping the fields.

Over the year billions of dollars "wroth of property has been destroyed due to electrical failures, short circuit etc. due to improper grounding system.

Trust power a company owned by group of jealous and dedicated engineers and R&D team. We have leading manufacturer if chemical earthing from last 5 years.

We understand that he conventional system of prone to problems which resulted in human loss equipment failure, fire resolved as well high/low we understand customer requirements according that customers.

We thank you for choosing AE Power earthings."



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# PRODUCTS

## 1-TP GI EARTHING ELECTRODE (PIPE IN STRIP)

- Hot dip galvanneal for corrosion protection
- Designed for fast fault current dissipation
- Low maintenance in site
- Easy & fast installation on site
- Most suitable for soil condition with pH value 5.0 & 8.0
- Moisture booster chemical bags provided for low earth resistance

MODEL	LENGTH Mtr	TERMINAL SIZE	INNERSTRIP	OUTERPIPE Diameter (Min) mm
48 MTPG	1, 2 & 3	40 X 6	25 X 3	48
48 MTPG	1, 2 & 3	50 X 6	25 X 3	58
48 MTPG	1, 2 & 3	50 X 6	25 X 3	88





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## 2-TP COPPER TERMINAL EARTHING ELECTRODE

- Hot dip galvanized for corrosion protection
- Designed for fast fault current dissection
- Low maintenance in site
- Easy & fast installation on site
- Most suitable for soil condition with pH value 5.0 & 8.0
- Moisture booster chemical bags provided for low earth resistance



MODEL	LENGTH Mtr	TERMINAL SIZE	INNERSTRIP	OUTERPIPE Diameter (Min) mm
48 MTPCT	1, 2 & 3	40 X 6	25 X 3	48
58 MTPCT	1, 2 & 3	50 X 6	25 X 3	58
68 MTPCT	1, 2 & 3	50 X 6	25 X 3	68

**EARTHING IS REQUIRED EVERY**



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## 3-TP COPPER BONDED EARTHING ELECTRODE

- Graphite based
- Long Life
- Enhance conductivity
- Contain for long period moisture retain
- Capacity of our earth soil having pH value 5.0 & 8.0
- Tested from NABL accredited



MODEL	LENGTH Mtr	TERMINAL SIZE	INNERSTRIP	OUTERPIPE Diameter (Min) mm
48 MTPG	1, 2 & 3	40 X 6	25 X 3	40
50 MTPG	1, 2 & 3	50 X 6	25 X 3	50
88 MTPG	1, 2 & 3	50 X 6	25 X 3	80

**WHERE IN OUR ELECTRIC PLANET<sup>®</sup>**





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## 4-TP PURE COPPER EARTHING ELECTRODE

- Used 100% copper for long life
- Designed for fast fault current dissipation
- Low maintenance in site
- Easy & Fast installation on site
- Most suitable for soil condition with pH value 5.0 & 8.0
- Moisture booster chemical bags provided for low earth resistance

MODEL	LENGTH Mtr	TERMINAL SIZE	INNERSTRIP	OUTERPIPE Diameter (Min) mm
48 MTPPC	1, 2 & 3	40 X 6	25 X 3	48
58 MTPPC	1, 2 & 3	50 X 6	25 X 3	58
88 MTPPC	1, 2 & 3	50 X 6	25 X 3	88





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## 5-TPC BLACKFILL COMPOUND

- No toxic contain
- Resistivity less than 0.2 ohm-meter
- Its maintain conductivity without continuous presence of water
- Graphite based having some more
- Tested from NABL accredited

QUANTITY	NO. OF BAGS
25 KG	1
20 KG	1
15 KG	1
10 KG	1
5 KG	1

**AE POWER**  
CHEMICAL EARTHING

**EARTHING CHARGING  
ADVANCED CHEMICAL**



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**AE POWER**  
CHEMICAL EARTHING

**EARTHING MATERIAL**

- Copper Strips, Copper Plates, Copper Bonded
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## STEPS FOR INSTALLATION



Step 1. Dig a hole with Augar



Step 2. Hole Measurement : 4" diameter & 3 mtr depth



Step 3. Insert the AE Power Earthing Rod



Step 4. With Rod inserted, fill the hole with Advance Ground Enhancing Compound



Step 5. Pour Water around the Rod



Step 6. Place the AE Power Earthing Cover



Step 7. Cover the AE Power Earthing Cover with soil and ram properly

DISTRIBUTOR / DEALER



# POWER CHEMICAL EARTHING

DEALS IN : HT/LT OVERHEAD TRANSMISSION LINE MATERIALS  
& ALL TYPE OF EARTHING & SOLAR MATERIAL

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