

CHEMICAL EARTHING ELECTRODE
CERTIFIED AND TESTED BY:

ISO CERTIFIED 9001:2008 COMPANY



TRUE POWER EARTHINGS PVT.LTD.

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**TRUEPOWER
EARTHINGS PVT LTD**

An ISO 9001:2000 Certified Company



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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 devices. In a properly earthed system, such leaking/fault current are carried away harmlessly while tripping the fields. Over the years “billions of dollars” worth on properties has been destroyed due to electrical failures, short circuit etc. And also due to improper grounding system.

“ True Power a company owned by group of dedicated engineers and R&D team. we are leading manufacturer of chemical earthings from last 10 years. We understand that the conventional system of earthings was unreliable inefficient cumbersome and prone to problems which resulted in human loss equipment failiure, fire resolved as well as HIGH/LOW voltage and SHOCK/SHORT circuit e.t.c. We uderstand customer requirements accordng that we always trying to give best solutions to our customers. We thank you for choosing TRUE POWER EARTHINGS.

HARI OM TIWARI
(DIRECTOR)

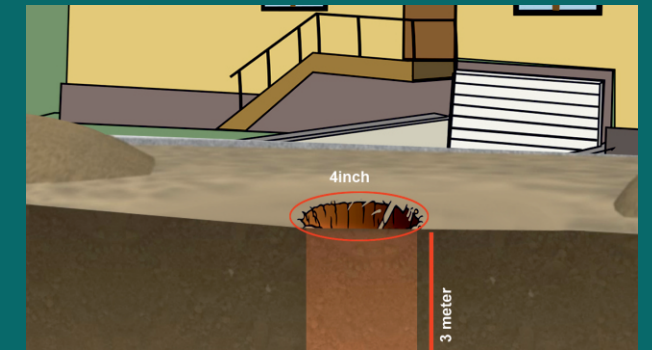
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STEPS FOR INSTALLATION



Step 1. Dig a hole with Auger



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



Step 3. Insert the TruePower 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 TruePower Earthpit Cover



Step 6. Cover the TruePower Earthpit Cover with soil and ram properly

PRODUCT CODE - GI-E-001

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

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MTPG	1, 2&3	40×6	25×3	48
58 MTPG	1, 2&3	50×6	25×3	58
88 MTPG	1, 2&3	50×6	25×3	88

- Hot dip galvanized for corrosion protection.
- Designed for fast fault current dissipation.
- Low maintenance on 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.

PRODUCT CODE - CT-E-005

2-TP COPPER TERMINAL EARTHING ELECTRODE

- Hot dip galvanized for corrosion protection.
- Designed for fast fault current dissipation.
- Low maintenances on 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	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MTPCT	1, 2&3	40×6	25×3	48
58 MTPCT	1, 2&3	50×6	25×3	58
88 MTPCT	1, 2&3	50×6	25×3	88

PRODUCT CODE - CE-E-003

3-TP PURE COPPER EARTHING ELECTRODE

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MTPPC	1, 2&3	40×6	25×3	48
58 MTPPC	1, 2&3	50×6	25×3	58
88 MTPPC	1, 2&3	50×6	25×3	88

- Used 100% copper for long life.
- Designed for fast fault current dissipation.
- Low maintenances on 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.

PRODUCT CODE - BC-E-002

4-TP COPPER BONDED EARTHING ELECTRODE

- Long Life.
- Enhance Conductivity.
- Capacity of our earth soil electrode having pH value between 5.0 & 8.0.
- Tested from NABL & CPRI lab.

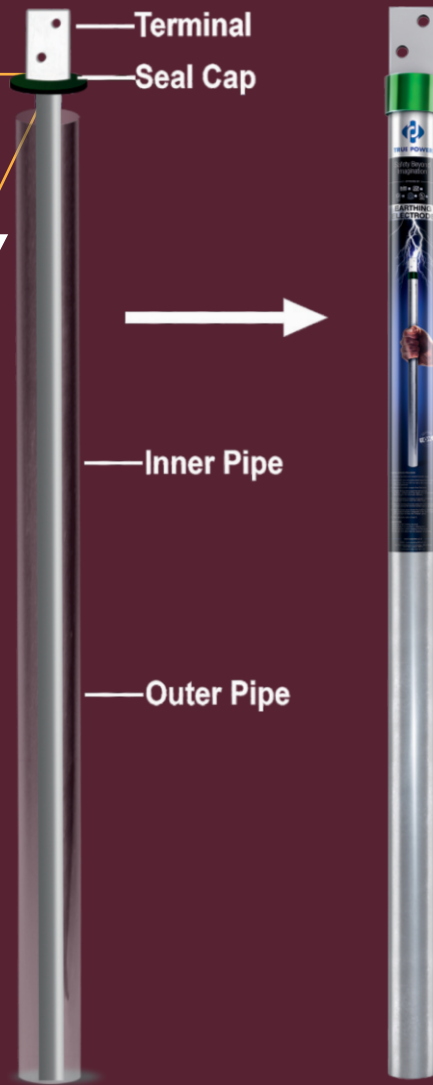
MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MTPCB	1, 2&3	40×6	25×3	48
58 MTPCB	1, 2&3	50×6	25×3	58
88 MTPCB	1, 2&3	50×6	25×3	88

PRODUCT CODE - GI-PIP-E-006

5-TP GI PIPE IN PIPE EARTHING ELECTRODE

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MTPPG	1, 2&3	40×6	20mm	48
58 MTPPG	1, 2&3	50×6	32mm	58
88 MTPPG	1, 2&3	50×6	48mm	88

- Hot dip galvanized for corrosion protection.
- Designed for fast fault current dissipation.
- Low maintenances on 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.



PRODUCT CODE - BF-C-007

7-TP BACKFILL COMPOUND

- Non toxic content.
- Resistivity less than 0.2 ohm-meter.
- Its maintain conductivity without continuous presence of water.
- Tested from NABL accredited lab.



QUANTITY	NO.OF BAGS
25kg.	1
15kg.	1
5kg.	1

PRODUCT CODE - PC-008

6- EARTHING PIT COVER



SPECIFICATION:

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

FEATURES:

- Factory built holes for accessing strips / wires easily at two sides.
- Made of heavy duty polyethylene for extra durability.
- Resistant materials, assuring long life use-life.
- Green top cap matches the environment.

PRODUCT CODE - ESE-LA-009

8-ESE LIGHTNING ARRESTER (MADE IN TURKEY) MAKE ATS (ESE L.A. Tested as per NFC-17-102)

AVAILABLE MODELS & SPECIFICATIONS

- 150/ATS -TP** (protection radius 150m in level III/130m in level II/110 in level I at 3m height)
- 100/ATS -TP** (protection radius 100m in level III/90m in level II/80 in level I at 3m height)
- 80/ATS -TP** (protection radius 80m in level III/70m in level II/65 in level I at 3m height)
- 55/ATS -TP** (protection radius 55m in level III/40m in level II/35 in level I at 3m height)
- 45/ATS -TP** (protection radius 45m in level III/38m in level II/20 in level I at 3m height)
- 35/ATS -TP** (protection radius 35m in level III/28m in level II/15 in level I at 3m height)



DESIGN BY



Running Water

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