



# BPE

BASE PLUS EARTHING

## ADVANCED EARTHING & LIGHTNING PROTECTION SOLUTIONS



**SAFETY BUILT ON TRUST.  
PROTECTION BUILT TO LAST.**

**BASE PLUS EARTHING'S** grounds leakage current in microseconds, ensuring maximum safety for equipment & human life.



### OUR PRODUCTS



**EARTHING  
ELECTRODES**  
(GI / Copper /  
Copper Bonded)



**LIGHTNING  
ARRESTERS**  
(ESE &  
Conventional)



**EARTHING RODS  
& ACCESSORIES**



**BACKFILL  
COMPOUND**



**PIT COVERS**



**SERVING  
PAN INDIA**



**HIGH  
QUALITY**



**LONG  
LIFE**



**RELIABLE  
PERFORMANCE**

ENGINEERED FOR SAFETY. DESIGNED FOR PERFORMANCE.

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Lucknow, Mahanagar – 226006





# ADVANCED LIGHTNING PROTECTION FOR CRITICAL INFRASTRUCTURE.



INTERCEPTS LIGHTNING STRIKES



SAFELY DISCHARGES ENERGY  
TO GROUND



CREATES A PROTECTIVE SHIELD



ENSURES SAFETY.  
ENSURES CONTINUITY.



TRUSTED PROTECTION.  
PROVEN PERFORMANCE.



ENGINEERED FOR SAFETY.  
BUILT FOR RELIABILITY.



COMPLETE EARTHING &  
LIGHTNING SOLUTIONS.





# BPE

BASE PLUS EARTHING

**SAFE PEOPLE.**  
**SAFE EQUIPMENT.**  
**SAFE FUTURE.**

**BASE PLUS EARTHING** ensures leakage current is safely discharged to the ground, protecting your equipment and your people.



PROTECTS AGAINST  
SHORT CIRCUITS



PREVENTS ELECTRIC  
SHOCK HAZARDS



SAFE CURRENT DISSIPATION  
INTO THE EARTH



ENHANCES EQUIPMENT  
LIFE & RELIABILITY



**BASE PLUS EARTHING**  
grounds the leakage current  
in micro seconds.



## HOW IT WORKS



Leakage occurs  
(Insulation Fault)



Leakage current flows  
through the system



Earthing system captures  
the leakage current



Leakage current is safely  
discharged into the ground  
in micro seconds



Equipment & People  
remain safe

**COMPLETE  
PROTECTION.**  
**COMPLETE  
PEACE OF MIND.**



MAXIMUM SAFETY  
FOR PEOPLE & PLANT



REDUCES DAMAGE  
DURING FAULTS



RELIABLE PERFORMANCE  
IN EVERY CONDITION



ENGINEERED FOR SAFETY.  
BUILT FOR TRUST.





# BPE

BASE PLUS EARTHING

## STRONG EARTHING. SAFE SYSTEM. SECURE FUTURE.

Professional earthing installation designed to provide maximum safety, reliability and long life protection.



**MAXIMUM SAFETY**  
Protects people, equipment and infrastructure



**EFFECTIVE FAULT CURRENT DISSIPATION**  
Safely transfers leakage current to the earth



**LONG LASTING PERFORMANCE**  
Corrosion resistant & maintenance friendly



**TESTED & TRUSTED QUALITY**  
High quality materials as per industry standards

### INSTALLATION IN PROGRESS



#### INSTALLATION STEPS

- 1 Excavation of 10 FT
- 2 Placement of Earthing Electrode
- 3 Backfill with Earthing Chemical
- 4 Proper Compaction
- 5 Testing & Inspection

## PROPER INSTALLATION. PERFECT PROTECTION.

Every installation is executed with precision to ensure low resistance, high efficiency and complete safety.

#### INSTALLATION GUIDELINES

-  **Excavation Depth**  
10 FT (3.0 Meter) as per standard
-  **Electrode Placement**  
High conductivity BPE earthing electrode
-  **Backfill Material**  
BPE earthing chemical for low resistance
-  **Compaction**  
Proper compaction in layers
-  **Testing**  
Earth resistance testing for reliability

### COMPLETED INSTALLATION



**EARTHING ELECTRODE**  
(BPE - High Conductivity)

**EARTHING CHEMICAL**  
(Improves Conductivity & Reduces Resistance)

**BACKFILL COMPOUND**  
(Non-Corrosive, Stable & Long Lasting)

**EARTH PIT SIZE**  
10 FT Deep  
(3.0 Meter)

#### WHY CHOOSE BASE PLUS EARTHING?

-  Ensures complete safety against leakage current
-  Low resistance for efficient earthing
-  High quality & durable earthing solutions
-  Reliable performance in all soil conditions
-  Complies with all international standards



**A STRONG EARTHING TODAY, A SAFER TOMORROW.**

BASE PLUS EARTHING - BUILT ON SAFETY, ENGINEERED FOR RELIABILITY.







# BPE

BASE PLUS EARTHINGS

## COMPLETE PROTECTION. ZERO COMPROMISE. MAXIMUM SAFETY.

Advanced lightning protection system safeguarding your solar energy system, EV charging station and your home.



PROTECTS SOLAR PANELS  
FROM LIGHTNING STRIKE



SAFEGUARDS EV CHARGER  
AND ELECTRIC VEHICLE



EFFECTIVE EARTHING SYSTEM  
FOR COMPLETE SAFETY



COPPER BONDED FOR  
SUPERIOR CONDUCTIVITY  
& LONG LIFE



ENVIRONMENT FRIENDLY  
& RUST RESISTANT



COMPLETE LIGHTNING  
PROTECTION



SAFE FOR SOLAR, EV  
& HOME



COPPER BONDED FOR  
MAXIMUM PERFORMANCE



BUILT FOR LONG LIFE  
& RELIABILITY

**BASE PLUS COPPER  
BONDED LIGHTNING ARRESTER**  
Protects the entire solar  
system from lightning strike.

**EV CHARGING BOX**  
Connected to the earthing  
system for complete safety  
from leakage current.

### 3 POINT EARTHING SYSTEM

- ✓ Lightning Arrester Earthing (Solar Protection)
  - ✓ EV Charger Earthing (Leakage Protection)
  - ✓ System Earthing (Equipment Protection)
- All three earthings are interconnected to ensure equal potential and maximum safety.

**BASE PLUS  
COPPER BONDED RODS**  
High conductivity copper bonded earthing system ensures safe dissipation of lightning & leakage current into the earth.

## BASE PLUS EARTHINGS

BUILDING A SAFER, GREENER TOMORROW.



## COMPLETE EARTHING & LIGHTNING PROTECTION SOLUTIONS

◆ SAFEGUARDING YOUR HOME, BUSINESS & INDUSTRY WITH TRUSTED QUALITY. ◆

**BP GI EARTHING  
ELECTRODE**



Corrosion Resistant GI  
Earthing Electrode for  
Reliable Performance

**BP PURE COPPER  
EARTHING ELECTRODE**



High Conductivity Pure  
Copper Electrode for  
Maximum Safety

**BP COPPER BONDED  
EARTHING ELECTRODE**



Copper Bonded Electrode for  
Long Life & Superior  
Corrosion Resistance

**BP COPPER  
BONDED ROD**



High Strength Copper  
Bonded Rod for  
Effective Earthing

**BP PIPE IN PIPE  
EARTHING ELECTRODE**



Advanced Pipe in Pipe  
Design for Low Resistance  
& Long Lasting Earthing

**BP ESE  
LIGHTNING ARRESTER**



Early Streamer Emission  
Technology for Advanced  
Lightning Protection

**BP COPPER BONDED  
LIGHTNING ARRESTER**



Copper Bonded Lightning  
Arrester for Complete  
Protection from Strike

**BP POLYPLASTIC  
PIT COVER**



Durable & Weather Resistant  
Pit Cover for Earthing  
Inspection Pits

**BP BACKFILL  
COMPOUND**



High Conductivity Backfill  
Compound for Effective  
Earthing Performance

AND MANY MORE EARTHING MATERIALS....



GI EARTHING  
CLAMP



COPPER EARTHING  
CLAMP



EARTHING  
PLATE



TEST LINK



EARTHING  
ACCESSORIES



GI/COPPER  
EARTHING STRIP



EARTHING  
CHEMICAL

CONTACT US FOR MORE INFORMATION

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LUCKNOW, MAHAMAGAR, 226006.

SERVICE  
PAN INDIA

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## BASE PLUS EARTHING



### OUR PRESTIGIOUS CLIENTS

Trusted by Government Organizations & Leading Institutions



Bharat Heavy Electricals Limited



NTPC Limited



Indian Railways



Power Finance Corporation Limited



Uttar Pradesh Power Corporation Limited



CPWD  
(Central Public Works Department)



National Aluminium Company Limited



Hindustan Aeronautics Limited



Indian Oil Corporation Limited



Bharat Sanchar Nigam Limited



एन एम डी सी  
NMDC Limited



DMRC  
Delhi Metro Rail Corporation

### WHAT OUR CLIENTS SAY

“

Reliable products and on-time delivery. Their earthing solutions have significantly improved the safety of our installations.

– Executive Engineer  
BHEL, Haridwar

“

Good quality materials and professional team. We are satisfied with their technical support and service.

– Project Manager  
NTPC, Unchahar

“

We have been using their earthing & lightning protection solutions in our projects. Highly recommended.

– Electrical Engineer  
CPWD, Lucknow

“

Products are as per IS standards and performance is excellent. Their support team is very cooperative.

– Assistant Engineer  
UPPCL, Lucknow

### OUR BRANCHES ACROSS INDIA

- |                                  |                           |                         |
|----------------------------------|---------------------------|-------------------------|
| 01 Lucknow (HO)<br>Uttar Pradesh | 09 Indore, Madhya Pradesh | 17 Mumbai, Maharashtra  |
| 02 Kanpur, Uttar Pradesh         | 10 Raipur, Chhattisgarh   | 18 Pune, Maharashtra    |
| 03 Varanasi, Uttar Pradesh       | 11 Ranchi, Jharkhand      | 19 Ahmedabad, Gujarat   |
| 04 Noida, Uttar Pradesh          | 12 Kolkata, West Bengal   | 20 Surat, Gujarat       |
| 05 Delhi, Delhi                  | 13 Guwahati, Assam        | 21 Bengaluru, Karnataka |
| 06 Faridabad, Haryana            | 14 Bhubaneswar, Odisha    | 22 Hyderabad, Telangana |
| 07 Jaipur, Rajasthan             | 15 Patna, Bihar           | 23 Chennai, Tamil Nadu  |
| 08 Bhopal, Madhya Pradesh        | 16 Chandigarh, Chandigarh | 24 Kochi, Kerala        |



HEAD OFFICE  
LUCKNOW, UTTAR PRADESH

All India Presence  
Strong Support, Everywhere.



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