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**Thunder star Earthings pvt ltd.**

Website:- [Thunderstarearthings.com](http://Thunderstarearthings.com)

# THUNDER STAR

## EARTHINGS PVT. LTD.

### WHAT IS EARTHING?

Earthing is an essential part of any electrical system as it ensures that fault current does not cause damage to appliances. With the invent of the chemical earthing, the process of earthing has become more advanced and effective. As it is vital in any place where electricity, Its major role is to eliminate electrolytic action from any electrostatic disc charge that might harm sensitive or any electrical appliances using electricity.

### THE ADVANTAGES OF CHEMICAL EARTHING

- Chemical Earthing based on pipe in pipe technology or Flat in pipe technology
- It is long lasting. Once installed, it can serve its purpose for over 20 years.
- It is also friendly to the environment and surroundings.
- Designed to handle high peak current & maximum fault current dissipation instantly
- Less maintenance, no need to pour water regularly.
- No need to do regular check-up, It's a Fit and forget solution
- It is absolutely safe to be used in homes, offices as well as industries. In fact, it can be used to protect both humans and electrical appliances.

### OUR RANGE OF PRODUCTS

Our products are committed deliver high quality, durability, and reliability results We provide Realistic price structure, corrosion free earthing solutions. We adhere to international standards.

- **GI EARTHING ELECTRODES**
- **GI PIPE IN PIPE EARTHING ELECTRODES**
- **PURE COPPER EARTHING ELECTRODES**
- **COPPER BONDED EARTHING ELECTRODES**
- **COPPER BONDED ROD**
- **EARTHING PIT COVERS**
- **BACKFILL COMPOUNDS**
- **ESE LIGHTNING ARRESTORS**
- **SPIKE LIGHTNING ARRESTORS**

## GI PIPE IN STRIP EARTHING ELECTRODE

- Hot Dip galvanization to protect from corrosion for longer life.
- Low Maintenance and less space required.
- Earth electrode are well designed for rapid fault current dissipation.
- Simple and quick installation.
- Moisture Booster chemical compound accommodated low earth resistance

MODEL	LENGTH ,Mtr	OUTER PIPE DIAMETER ( mm )
TSGIPS48	1,2 & 3	48
TSGIPS76	1,2 & 3	76
TSGIPS88	1,2 & 3	88

\*Also different sizes can be provide as per clients requirement.

## GI PIPE IN PIPE EARTHING ELECTRODE

- Hot Dip galvanization to protect from corrosion for longer life.
- Low Maintenance and less space required.
- Earth electrode are well designed for rapid fault current dissipation.
- Simple and quick installation.
- Moisture Booster chemical compound accommodated low earth resistance

MODEL	LENGTH ,Mtr	OUTER PIPE DIAMETER ( mm )
TSGIPP48	1,2 & 3	48
TSGIPP76	1,2 & 3	76
TSGIPP88	1,2 & 3	88

\*Also different sizes can be provide as per clients requirement.

## COPPER BONDED EARTHING ELECTRODE

- 250 Microns coating on iron electrode.
- Low Maintenance and less space required.
- Simple and quick installation.
- Well designed for rapid fault current dissipation.
- High strength & good conductivity best corrosion resistance.

MODEL	LENGTH ,Mtr	OUTER PIPE DIAMETER ( mm )
TSCB50	1,2 & 3	50
TSCB76	1,2 & 3	76
TSCB88	1,2 & 3	88

\*Also different sizes can be provide as per clients requirement.

## COPPER BONDED ROD

- Excellent electrical and thermal conductivity
- Perfectly bonded rod for long-lasting and free from maintenance
- Corrosion resistant surface

MODEL	LENGTH ,Mtr	OUTER PIPE DIAMETER ( mm )
TSCBR17	1,2 & 3	17.2
TSCBR25	1,2 & 3	25
TSCBR32	1,2 & 3	32

\*Also different sizes can be provide as per clients requirement.

## ESE Lightning Arrester



- Stainless Steel Portion.
- Suitable for all types of lightning discharges.
- Reliable for all weather and climatic conditions and can be used in any terrain.
- No use of battery or power source is required
- maintenance free and overall cost-effective solution
- It is designed and installed as per the application requirement parameters .

## BACKFILL COMPOUND

- Reduces soil resistivity
- Allows ohmic value fluctuation
- Maintains without continuous presence of water
- Absorbing & retaining the moisture for a long time



QUANTITY	NO.OF BAGS
25 Kg.	1
15 Kg.	1
05 Kg.	1

## PURE COPPER EARTHING ELECTRODE



- Used 100% copper for long life
- Low Maintenance and less space required.
- Simple and quick installation.
- Well designed for rapid fault current dissipation.
- Moisture Booster chemical compound accommodated low earth resistance

MODEL	LENGTH ,Mtr	OUTER PIPE DIAMETER ( mm )
TSPC48	1,2 & 3	48
TSPC76	1,2 & 3	76
TSPC88	1,2 & 3	88

\*Also different sizes can be provide as per clients requirement.

## EARTHING PIT COVER

- Round value box have extra support for strong load
- UV resistant
- Easy storage
- Damper proff
- Pipe cutouts allows for quick and easy installation



### SPECIFICATION:

At Top : 10 inches [ 254mm]  
 At Bottom : 13 inches [ 330mm]  
 Height : 10.25 inches [ 260mm]