



YASH
GROUP OF INDUSTRIES



YASH EARTHING SOLUTIONS PVT. LTD.

YOUR EARTHING PARTNER



Yash Earthing Solutions Pvt. Ltd. is an emerging earthing and electric engineering group, with Indian roots and global out-reach offering end-to-end manufacturing solutions of steel structures to Transmission Line Towers (TLT), Solar Module Mounting Structures, Project Electrification & General Engineering Industry.

Yash Earthing Solutions Pvt. Ltd. offers a wide array of engineering services ranging from plate fabrication, machining & assembly structural steel fabrication (punching, shearing, notching, bending, etc), Sheet Metal Fabrication Cold rolled sections and Hot Dip Galvanizing through its Transmission Line Towers (TLT) , General Engineering & Solar Module Mounting structure verticals.

About Us



YASH EARTHING SOLUTIONS PVT. LTD.



CUSTOMER SERVICE
SHOULD NOT BE A
DEPARTMENT IT
SHOULD BE THE
ENTIRE COMPANY

Yash Earthing Solutions Private Limited is a leading chemical pipe Earthing manufacturer. We are duly registered under Micro and Small Industries for manufacturing of products. Set up in the year 2012 by a group of qualified and professionals electrical engineers, Yash Earthing Solutions has continuously contributed to the development of electrical Earthing techniques.

MISSION | VISION RESULT

YASH EARTHING SOLUTIONS PVT. LTD.



To provide the best service possible, We work closely with our clients. Providing them the safest and most cost effective electrical grounding and earthing solutions in India.

OUR MISSION



Our vision is to produce high-quality, low cost, easy to use electrical grounding products that incorporate high technology for the protection of human life and safety for valuable equipments.

OUR VISION



Yash Group of Industries have evolved as one of the fastest growing earthing solution provider in PAN India.

OUR RESULT



WHY US

**TALENT DRIVES BUSINESS NOT EVERY
COMPANY WITH GREAT POTENTIAL
ACHIEVES SUCCESS, BUT THOSE THAT**

**DO SHARE A
COMMON QUALITY:
TALENT**

Yash Earthing Solutions Pvt. Ltd. caters their reliable and Highly-Efficient products to all Earthing Sectors. At Yash Earthing Solutions Private Limited, we provide cost effective and quality help to our clients. Our research and development team has always worked in the direction of developing new techniques for betterment of electrical earthing techniques. Our specialty in equipment ranges from providing high quality conductive and corrosion free earthing system as well as lightning system.

We are well recognized for:

- High end business practices
- Transparent solutions to client requests
- Ethical and guaranteed quality control checks
- Timely delivery



PRODUCTS AND SERVICES

Coupled with 10 years of warranty against any manufacturing defects, our products have always been committed to deliver quality results. We provide cost effective, highly conductive, corrosion free earthing system for all your earthing Requirements.

- Chemical Earthing (GI, Copper, Copper Bonded, CI etc).
- ESE Lightning Arrester in Brand Name of GLPS-Yash Earthing based on Turkey as Per Specified NFC 17 - 102.
- Poly Plastic Earth Pit Cover.
- All Earthing Accessories.

Our electrode is available in different sizes of 6 Feet and 10 Feet along with Back Fill Material. Introduces the resistivity of Earth around the Electrode to ensure proper grounding. We ensure that our products deliver the required Ohmic value in all sorts of soil conditions, rocky grounds etc.



THE SERVICE YOU CAN TRUST

SERVICES

- Chemical Earthing.
- Transformers.
- Hot Dip Galvanizing.
- Structural Steel Fabrication Plates.
- Structural Steel S. Sheet Metal Fabrication.
- Machining.
- Assembly.
- Painting.



INDUSTRIES SERVED

- Power (EHV) Transmission Line Towers.
- Solar Power Plant Mounting Structures.
- Cable Trays / Gratings.
- GI Earthing Strips.
- Distribution / Rural Electrification.
- Power Plants.
- General Engineering.
- Technological Structure.
- Cable trays and Balance of Plant (BOP) .
- Substation Structures.
- Telecom Towers.
- Crash Guards.
- Railway Electrification.
- Steel Rolling Mills.
- Heavy Engineering.
- Project Fabrication.
- Pre -Engineered Buildings.





APPROVAL

Tested and approved from CPRI BHOPAL and NABL laboratories, our Electrodes are manufactured as per IS/British Standards. We are approved by various Government organizations for supply of Chemical Earthing equipment as per their specifications

UPPWD (Uttar Pradesh Public Works Department)

- RAJASTHAN PWD.
- IOCL(Indian Oil Corporation Limited).
- BPCL(Bharat Petroleum Corporation Limited).
- Air Force.
- MVVNL(Madhyanchal Vidyut Vitran Nigam Limited).
- PVVNL(Paschimanchal Vidyut Vitaran Nigam Limited).
- DVVNL(Dakshinanchal Vidyut Vitran Nigam Limited).
- UPPCL(Uttar Pradesh Power Corporation Limited).
- ISO.
- MSME.
- MAHADA.

POLICY

Welcome to the Yash Earthing Solutions Pvt. Ltd., a prominent chemical earthing electrode manufacturer duly registered under Micro and Small Industries. Yash Earthing Solutions Pvt. Ltd., (referred to in this Privacy Policy as "Yash Earthing Solutions Pvt. Ltd." "we" and through similar words such as "us," "our," etc.). This Privacy Policy applies to all users, including both users who are simply viewing content available via the website and users who have interacted with us as members. We may, at our sole discretion, modify this Privacy Policy at any time. By accessing the website at any time after such modifications, you are agreeing to such modifications. Our website and services include (without limitation) all website content and other interactive properties through which the service is delivered. All the listed data is owned, operated and distributed by Yash Earthing Solutions. Our company's policy specifies the code of conduct of the organization. We are providing this policy terms and conditions for our clients so that they can know us better. The policy dropdown includes our privacy policy, environmental safety policy, corporate social responsibility policy, refund or return and disciplinary policy.

Scope of Privacy Policy

Yash Earthing Solutions is committed to protecting your privacy and we want you to know what information we collect, how we use that information, and how you can request that this information be updated or corrected.

Our policy covers any visitor Yash Earthing Solutions Site(s) and any user of Yash Earthing Solutions services. This policy applies to both online and offline collection, storage, processing, and transfer of Personal Information. However, certain services may be subject to additional privacy policies.

Information Collected

We unintentionally collect various types of Information through our Sites, due to various Web and Internet technologies. Other Information is collected when you provide it to us voluntarily by interacting with our Sites. We may also obtain information from Business Partners, Business Associates and Unrelated Entities. This information does not identify you personally.

- > IP address
- > Collection Date
- > Publisher Name
- > Connection Speed
- > Day of Week Time of Day (hour)
- > Language settings
- > Country, State, DMA, City (relating to IP address, if available)
- > Domain (.com, .net, .mil, .org, .edu, etc.)

Information You Provide to Us

- > Yash Earthing Solutions also collects, uses, and discloses Personal Information that you provide to us voluntarily in response to an advertisement, a survey, or other request for information; register for or participate in activities on the Site and order products.

While the exact nature of the Personal Information may vary depending on the type of response or service requested, the following is a non-exclusive list of the types of Information that may be collected to the extent it is necessary and applicable for the intended purposes:-

- > First, Middle and Last Name, Previous Names.
- > Street Address, City, State, Country, Postal Code.
- > Gender.
- > Country of origin.
- > Address Type.
- > E-mail address.
- > Valid Day or Evening.
- > Cell Phone Number or Telephone Number.
- > Lead Source.
- > Social Networking Content.

Third Party Disclosure

We do not sell, transfer or trade your information to other parties. Biological safety policy.

We regularly hold inspection to access whether there are any potential physical and chemical hazards. This includes the manufacturing plants, chemical labs, factories, and other similar physical entities.

- > Keep a check on biosafety of new projects to the environment.
- > Make sure employees are well-trained.
- > Decontamination of the work surface.
- > Proper disposal of biohazards.

Corporate social Responsibility Policy

As a pursuant of provisions of sections of companies Act, 2013 the board of directors have formed a corporate social responsibility policy. The key aspect of this policy is

- > To give a projection of the amount spend on the activity of CSR.
- > To do the monitoring of Corporate Social Responsibility time to time.

Disciplinary Policy

Yash Earthing Solutions has adopted certain disciplinary policies to channelize certain rules and regulations for the company's employees to ensure a smooth client and employee relationship. We follow specific rules and regulations which include verbal and cautionary care.

Return or Refund Policy

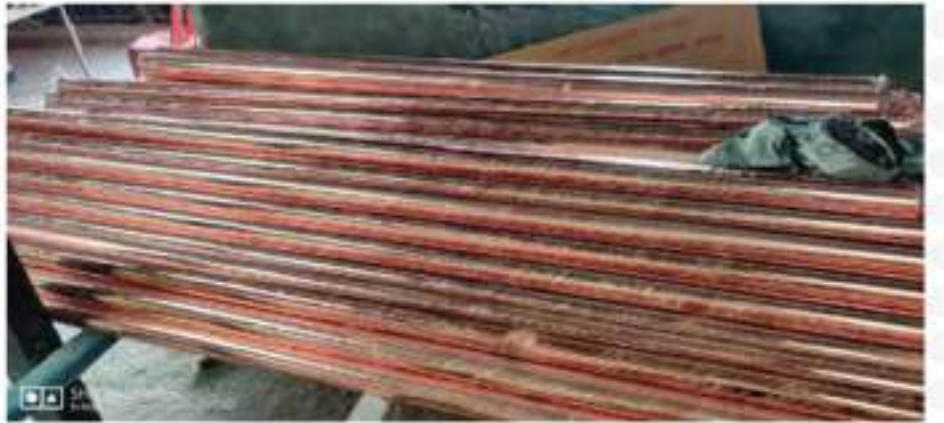
The client shall directly contact Yash Earthing Solutions in a case of any refund or return transaction conditions. This Privacy policy has been generated for those who are concerned to know how their personal information is being utilized online. We request you to read our privacy policy carefully so that you can come to know how we implement, collect and protect your personal information.

LAND AND INFRASTRUCTURE



- Spread over substantial landmass of 15 acres with 7 acres available for expansion.
- Experienced Staff and management team with Collective Work experience of more than 500 years and average experience of more than 15 years.
- Well planned layout enabling optimum output with ease of flow of material.
- Continuous and Reliable Power supply from Grid.
Complimented by Captive Power using DG set.
- Power Supply 650 KV.

	CAPACITY	AREA UNDER OPERATION
GALVANIZING	12,000 MTPA	110 mtr x 20 mtr x 13 mtr (under crane)
FABRICATION	10,000 MTPA	100 mtr x 20 mtr x 7 mtr
STORAGE YARD		6 acres (1,60,000 sq. ft)
AUTOMATIC COPPER PLATING PLANT	30,000 NOS	100 mtr x 35 mtr x 8 mtr
TRANSFORMER	2,000 PA	300 mtr x 200 mtr x 7 mtr
CHEMICAL EARTHING	60,000 PA	150 mtr x 80 mtr x 7 mtr



PLANT & MACHINERY COPPER PLATING

24000 MTpA of Lattice Tower Structures for Transmission Line Towers and Substations.

- Equipped with latest set of
- Machinery which includes CNC
- Machine for L Sections and range of
- Hydraulic machines.
- Capable of processing steel
- Products conforming to BSEN,
- ASTM, JIS, DIN, IS, AS & Eur
- Specifications.
- Prototype Assembly-Designated
- Area and Dedicated erection and engineering team to erect Prototypes and engineer the same if required.



24000 MTpA of Lattice Tower Structures for Transmission Line Towers and Substations.

- State of art CNC Roll forming machine, will increase our offering to Solar PV& PEB exponentially.
- Dedicated vendor based setup for Cable tray manufacturing, to cater to Project Electrification segment.
- In house sheet shearing and bending set for sheet metal fabrication.

PLANT & MACHINERY FABRICATION

NAME	TYPE	No.s	CAPACITY in MTpA	MAKE	YOM
MARKING	Hydraulic Stamping Machine for Plates & Structures	3	14,400	Hydroelectric, India	2011

WELDING

WELDING	MIG Welding Machine	4	400	Amp Warp, India	2013
	Electric Arc Welding Machine	3	600	Amp MEMCO, India	2011

NAME	TYPE	No.s	CAPACITY in MTpA	MAKE
CUTTING	Double Column Band Saw Mic for Chop	2	6,000	Multi-Cut, India
	Chop Saw Machines for Tube & Pipes	4	7,000	Dewalt, India
PUNCHING & DRILLING	Hydraulic Punching Machine for Steel Structure & Plate	6	14,500	Hydroelectric, India
	Radial Drilling Machine	3	7,000	Atlas, India
	Magnetic Drilling Machine	4	3,500	KPT, India
BENDING	Horizontal Bending Machine for structures (Hot & Cold Bending)	2	3,000	Hydroelectric, India
	Vertical Bending Machine for Plates	1	1,800	Hydroelectric, India
NOTCHING	Hydraulic Notching Machine for Plates & Structures	2	5,500	Hydroelectric, India

PLANT & MACHINERY QUALITY TOOLS

INSTRUMENT	SPECIFICATION	LEAST COUNT	MAKE
Electronic Universal Testing Machine	600 KN	± 1%	Mechatronic Control System, India
Rockwell Hardness Testing Machine	150 Kgf		Mechatronic Control System, India
Digital Micrometer	0 - 25 mm	0.001 mm	Mitutoyo
External Micrometer	0 - 25 mm	0.01 mm	Mitutoyo
Engineer's Square	240 - 130 mm		JDE CO
Steel Scale	0 - 300 mm	1.00 mm	Kristeel
Steel Tape	0 - 3, 5, 15 mtr	1.00 mm	Freemans
Dial Caliper	0 - 200 mm	0.02 mm	Mitutoyo
Digital Caliper	0 - 200 mm	0.01 mm	Mitutoyo
Std Vernier Caliper	0 - 200 mm	0.02 mm	Mitutoyo
Universal Bevel Protactor	0 - 360°	5.0 deg/min	Mitutoyo
Pitch Gauge	0.25 - 6 mm	0.05 mm	Whitworth
Radius Gauge	1 - 7 mm	15 - 25 mm	Kristeel Shinwa

SHOTBLASTING

Surface Comparator	25, 40, 60, 70, 100, 150 µm	Elcometer

PAINTING

Hygrometer	Temp Range: -50° - +70°C	Humidity Range : 10% RH - 99% RH
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SNAPSHOTS OF FABRICATION SECTION



PLANT & MACHINERY GALVANIZING

**Galvanizing Capacity of 1000 MTper month /
12,000 MTper annum.**



- Automatic Temperature Control.
- Micro Processor Controlled Dual Fuel Furnace.
- Preheating of Structure & uniform drying using Hot Plate.
- Capable of uniform coating requirement of 340 and 910 grams per sq.mts (46 to 130 micron)
- Galvanize structures upto 3.5 mtr by Direct Dipping and 6 mtr by Double Dipping for width upto 1.1 mtr.

	LENGTH	BREADTH	DEPTH
HOT DIP GALVANIZING	3.5 mtr	1.2 mtr	1.5 mtr
DEGREASING TANK	3.5 mtr	1.2 mtr	1.5 mtr
ACID TANK (3 No.s)	3.5 mtr	1.2 mtr	1.5 mtr
QUENCHING TANK	3.5 mtr	1.2 mtr	1.5 mtr
DICHROMATING TANK	3.5 mtr	1.2 mtr	1.5 mtr

PLANT & MACHINERY QUALITY TOOLS

INSTRUMENT	SPECIFICATION	LEAST COUNT	MAKE
Thermometer Glass Type		0.5° C	GH Zeal
Coating Thickness Gauge (Elcometer)	0 – 2000 µm	From 0 ~ 20 µm – 0.1 µm Above 20~2000 – 1 µm	Yuyutsu
Digital PH meter	0 to 14 PH	0.1 PH	Hanna Instruments
Hydrometer	0.700 to 1.000	-0.005	Leimco
	1.000 to 2.000	0.01	

LABORATORY TESTS

Pivoted Hammer	Coating Peel off Test
Knife test apparatus	Coating Adhesion Test
Stripping Test apparatus (Using HCL solution)	Coating Mass calculation
Preece Test apparatus (Using Copper Sulphate Solution)	Coating Adhesion Depth Test
Titration apparatus using Sodium Hydroxide Solution	Acid Concentration Test for Pickling Process Tank
Nomograph for Iron content analysis	Iron Content Analysis Test for Pickling process Tank
Filtration, Heating & Titration apparatus	Concentration Test for Flux Tank
Third Party Spectro Analysis of Zinc Bath Sample	Zinc Bath Content Test on Monthly basis
Titration apparatus using Sodium Hydroxide Solution	Concentration Test for Dichromate (Passivation) Tank

Coupled with 10 years of warranty against any manufacturing defects, our products have always been committed to deliver quality results. We provide cost effective, highly conductive, corrosion free Earthing system for all your Earthing Requirements. Our electrode is available in different sizes of 6 Feet and 10 Feet along with Back Fill Material. Introduces the resistivity of Earth around the Electrode to ensure proper grounding. We ensure that our products deliver the required Ohmic value in all sorts of soil conditions, rocky grounds etc.

ESE LIGHTNING ARRESTER

We offer E.S.E lightning arrester for earthing system, which protects structures such as high rise buildings from damage by intercepting flashes of lightning and transmitting their current to the ground. Yash Earthing E.S.E lightning protection manufacturers offers value to client owing to their good performance in toughest conditions. The E.S.E. lightening arrestors are made from best quality material that assures not only safety and improved performance. We offer lightning protection arrestors for home, office, building etc at industry leading prices and within very less lead time.

GRAVITY ESE ROD (BASED ON ION GENERATOR)

This unit provides the design engineer with an air termination relatively free of space charges, which is capable of creating ionization and which concentrate electric field to release free electron on the approach of a lightning leader. As a result mostly only one lightning conductor is required against a large number of Conventional Lightning conductors This Advanced Lightning conductor is a dynamic device which has a very strong central ion generating system that is able to generate ions and requires no external source of power supply.

ADVANCED LIGHTNING COUNTER

Lightning strike counter is used for recording times of lightning strike of various kinds of lightning eliminators and lightning rod It is kind of electro mechanical counter with digit display facility, lightning strikes provides valuable information for the maintenance and safety of all structures and its occupants

ESE LIGHTING ARRESTER

PRODUCT CODE : ESE-LA-009



8-ESE LIGHTING ARRESTER (MADE IN FRANCE) MAKE GRAVITY

(ESE L.A. Tested as per NFC-17-102) AVAILABLE MODELS

150/ATS - YEC (Protection Radius 150m in level I,II,III/130m in level 11/110 in level 1 at 3m height).

110/ATS - YEC (Protection Radius 100m in level 111/90m in 11/80 in level 1 at 3m height).

80/ATS - YEC (Protection Radius 80m in level 111/70m in level 11/65 in level 1 at 3m height).

55/ATS - YEC (Protection Radius 55m in level 111/40m in level 11/35 in level 1 at 3m height).

45/ATS - YEC (Protection Radius 45m in level 111/38m in level 11/20 in level 1 at 3m height).

35/ATS - YEC (Protection Radius 35m in level 111/28m in level 11/15 in level 1 at 3m height)

COPPER EARTHING ELECTRODE

PRODUCT CODE : YEC-003



Owing to our vast experience, we are engaged in providing excellent quality range of Pure Copper Earthing Electrode to our reputed clients. This is tested by our quality controllers in order to dispatch flawless range at client's end

FEATURES

- Used 100% copper for long life.
- Designed for fast fault current dissipation.
- Low maintenance on site.
- Easy & fast installation.

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MYEP	1,2&3	40x6	25x3	48
58 MYEP	1,2&3	50x6	25x3	58
88 MYEP	1,2&3	50x6	25x3	88

YEC COPPER BONDED ROD

Yash Earthing Solutions is largest manufacturer of earthing rod in India and is continuously working towards providing better technology and product to meet and exceed its customers requirement from time to time With the incorporation of innovative design and implementation of cutting edge technology Yash Earthing Solutions offers a board range of sizes of copper bonded rod, offering a cost effective and efficient grounding system. Our copper bonded rod are available in 100 and 250 micron coating.

BENEFITS

- Based on globally accepted technology
- Very Cost effective
- Stable performance due to uniformed coating
- Various model according to customer requirement
- Suitable for all types of soil
- Long life, easy installation
- Superior resistance to oxidation
- High tensile strength
- Effective performance
- Good electrical conduction



MODEL	Rod Diameter (mm)	Length (mm)	Copper Bonding
YEC 14.2/1 CBR	14.2	1000	250 Micron
YEC 14.2/2 CBR	14.2	2000	250 Micron
YEC 14.2/3 CBR	14.2	3000	250 Micron
YEC 17.2/2 CBR	17.2	2000	250 Micron
YEC 17.2/3 CBR	17.2	3000	250 Micron
YEC 23.2/2 CBR	23.2	2000	250 Micron
YEC 23.2/3 CBR	23.2	3000	250 Micron

EARTHING ELECTRODES

PRODUCT CODE : CE-E-003

GI 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. GI 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.

FEATURES

- Hot dip galvanized for corrosion protection.
- Designed for fast fault current dissipation.
- Low maintenance on site.
- Easy and fast installation at site.
- Most suitable for soil condition with oh value between 5.0 to 8.0.
- Moisture booster chemical bag provide for low earth resistance.
- Not need to pouring water.
- Low space require at time of installation.

APPLICATIONS

Petrochemical ,CNG, and Nuclear Facilities.
Data Centre ,Telecom and Broadcasters.
Process control and automation.
Government ,Military, and defence.
Substation ,Wind turbines.

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MYECPG	1,2&3	40x6	20 mm	48
58 MYECPG	1,2&3	50x6	32 mm	58
88 MYECPG	1,2&3	50x6	48 mm	88

COPPER BONDED ELECTRODE

PRODUCT CODE : CE-E-003

At the time of lightning current discharge. It damaged electrical systems as well as human life also. When lightning stroke fault current i.e has very height it measures up-to thousand KMP sometimes due to improper earth systems it may harm whole premises.

FEATURES

- CPRI Tested .
- 100 microns coating on iron electrode.
- Continues Electroplating over Electrode result copper conductivity at outer section.
- Variation in size availability.
- Cost Effective.
- Less space require at time of installation.
- High Conduction on outer Section.
- Not need to pouring water.
- No Maintenance.



MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MYECG	1,2&3	40x6	25x3	48
58 MYECG	1,2&3	50x6	25x3	58
88 MYECG	1,2&3	50x6	25x3	88

MODEL	LENGTH, Mtr	TERMINAL SIZE	INNER STRIP	OUTER PIPE Diameter (min) mm
48 MYECCT	1,2&3	40x6	25x3	48
58 MYECCT	1,2&3	50x6	25x3	58
88 MYECCT	1,2&3	50x6	25x3	88

7-YES BACKFILL COMPOUND



PRODUCT CODE : BF-C-007

We are among the pioneers in the industry for manufacturing and trading Back Fill Compound. The offered compound is added to soil surrounding earthing electrode for absorption of moisture and prevention of leakage of current through earthing systems for ensuring safety in residential, commercial and industrial sectors.

BENEFITS

- Earth Enhancement Material Tested From NABL Accredited Lab.
- Due to Conductive Material Improve the Soil Resistivity.
- Its also increase the conductivity of Earth Electrode.
- No maintenance. • Long Life.
- Automatically Rechargeable. • No Need to pouring water time to Time.

APPLICATIONS

- Shall Have High Conductivity, Improves earth absorbing power and humidity retention capability.
- Shall be non-corrosive in Nature Having Low Water Solubility but highly hygroscopic.
- Shall be suitable for installation in dry form or in a slurry form.
- Shall not depend on the continuous presence of water to maintain its conductivity.
- Shall be permanent & maintenance free and in its SET Form Maintains Constant Earth Resistance with Time.
- Shall be thermally stable between -100C to +600C ambient Temperatures.
- Shall not require periodic charging treatment nor replacement and maintenance.
- Shall be suitable for any kind of electrode and all kind of soil of different resistivity.
- Shall not pollute or local water table and meets environmental friendly requirements for landfill.
- Shall not be explosive.
- Shall not cause burns, irritation to ey, skin etc.
- In Earthing Systems only.

CAUTIONS

The Excavated soil is suitable as a backfill but should be sieved to remove any large stones, plastic or debris and placed around the electrode taking care to ensure that it is well compacted. Material like sand,salt,coke breeze, cinders and ash shall not be used because of its acidic and corrosive nature.

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

CONVENTIONAL LA

A spike Lightning Protection Rod is a single component in a spike Lightning Protection System. To protect a home or building in the event of lightning, a metal conductor is mounted on the top of the building and electrically connected to the earth through a wire which is known as conventional lightning rod or spike Arrester.



CONVENTIONAL LAEARTHING PIT

PRODUCT CODE : BF-C-007

A spike Lightning Protection Rod is a single component in a spike Lightning Protection System. To protect a home or building in the event of lightning, a metal conductor is mounted on the top of the building and electrically connected to the earth through a wire which is known as conventional lightning rod or spike Arrester.



FEATURES

- Factory built holes for accessing stripes/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.

SPECIFICATION

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



COPPER BONDED STRIP

A spike Lightning Protection Rod is a single component in a spike Lightning Protection System. To protect a home or building in the event of lightning, a metal conductor is mounted on the top of the building and electrically connected to the earth through a wire which is known as conventional lightning rod or spike Arrester.

FEATURES

- Dimensionally accurate.
- Seamless finish.
- Effective conductivity.

SPECIFICATION

- Upto 250 microns Copper Bonding on Electrode.
- Long Life due to process of bonding over electrode.
- Highly Conductive.
- Due to plating cost effective.
- Easy Installation.



GI STRIP

FEATURES

- Easy installation.
- Low maintenance.
- Precise size.

EARTHING INSULATOR

We offer Insulators that are fabricated from high grade raw material as per the demand of various electrical industries. These insulators are available in one piece as well as multi piece construct.



LIGHTNING STRIKE COUNTER

Yash Earthing Solutions Lightning Strike Counter registers and records local strikes for you. This information is then used to enhance lightning protection security and increase the effectiveness of inspection and maintenance procedures

- No maintenance.
- Easy to install.
- Easy to monitor.
- Provides security.
- Weather resistant.



JUNCTION BOX

It is a versatile composite material for industries such as Automotive, Electrical industry, Railways.

- SMC Meter Box** : Yash Earthing experts test the SMC meter box as per the IS standards.
- Distribution Box** : A Junction of service connections in AB cable networks are managed efficiently by the LT distribution boxes.
- Three Phase Meter Box** : We have a huge range of metering enclosures for single as well as multi meter options with state of the art locking and other smart features.
- 3 Ph SMC Meter Box** : We are the manufacturer and supplier of HVDS like SMC Meter box These SMC Meter box are made of best quality of raw of material.

Spring Loaded Junction Box. | Busbar Distribution Box. Octagonal Pole Molded Accessories.



G.I./M.S./ FRP CABLE TRAY WITH CABLE TRAY SUPPORT

- Perforated Cable Tray** : It is manufactured from M.S /G.I. sheet in 1.25 mm to 2.5 mm thick in size of 50 mm to 1000 mm width, length of 2.5 Mtr long each.
- Ladder Type of Cable Tray** : manufactured from M.S /G.I. sheet in 1.6 mm to 2.5 mm thick in size of 100 mm to 1200 mm width, length of 2.5 Mtr long each.
- Cable Tray Accessories** : Accessories like; 90 Degree Horizontal bend, Tee, Cross, Reducer, Vertical Inner /Outer bend will be manufacture as per clients drawing or requirement.
- Cable Tray Ducts or Trunking** : It manufacture as per client requirement or from the width of 100 mm to 400 mm.
- Cable Tray Cover** : 18/16 Gauge (1.2/1.6mm) M.S./G.I. Sheet Cover 2500 mm Long



OBO BETTERMANN INDIA PVT LTD

OBO Bettermann India Pvt Ltd" the Indian subsidiary of OBO BETTERMANN, Germany - 100 years old company specialized in manufacturing products for "Conducting Electricity, Routing Data and Controlling Energy".

- VBS** - Connection and fastening systems.
TBS - Transient and lightning protection systems & Earthing Systems.
KTS - Cable support systems.
BSS - Fire protection systems.
LFS - Cable routing systems.
UFS - Underfloor system.
EGS - Device systems.



Connection and fastening systems



Transient and lightning protection systems



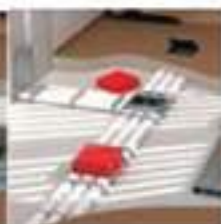
Cable support systems



Fire protection systems



Cable routing systems



EXOTHERMIC WELDING ROD

Yash Earthing Solutions Pvt Ltd. providing lightning protection, grounding and surge protection solutions. The company has introduced many innovations through the years, including the implementation of Stainless Steel (StSt) clamp earthing and grounding products. These products meet or exceed the IEC62305 [1] and NFPA 780 [2] requirements for the bonding of lightning protection systems and electrical earthing electrodes.

The widely accepted exothermic welding of buried copper cable grounding systems is based upon joining copper materials through the application of the chemical process defined here



That is to say, the combustion of copper thermite using copper oxide and aluminum powder creates a welded joint plus lots of heat and smoke.



Fig 1. Welded joint grounding system



Fig 2. Questionable weld connection

The assembly process for a StSt clamping system consists of mechanical fitting, alignment and then bolting connections. If the work pieces are misaligned, the fittings can be loosened, adjusted and tightened to the final torque specifications. The entire process of making the joint takes about the same time as replacing a bicycle tire. The assembly process is intrinsically repairable. The site work preparation includes all of the layout, measuring and trenching to place the metal grounding materials into the soil, but that's where the similarities between welding and clamping end

YASH EARTHING INSULATOR



Earth bars have a DMC modulating compound channel base that is entirely corrosion proof, made from high impact DMC unlike the traditional galvanized steel channel. The use of a modern polymer channel has also reduced the weight of our earth bars, making them lighter and easier to handle. This earth bar insulator is manufactured from grip GRP material, with a brass insert.

FEATURES

- CPRI Tested.
- Insulator consist of non conducting material.
- It is secured to cross arm on the pole.
- There is groove on the upper end of insulator for Housing the conductor.
- Corrosion free while providing the lowest resistance to ground.
- Variable choices are manufactured in order to meet the customers demand.
- Convenient installation and very beautiful appearance.
- Purity of the copper is 99.9%. Thus the conduct ability is very good.

Earthing Insulator Technical Spcification

Sr. No.	Shape	Material	Type
YG- SP30	T SHAPE	DMC	SP30
YG-DC253	FLAT	DMC	STRIP INSULATOR

INSTALLATION PROCESS

Step 1 Dig a hole with Auger



Step 2 Hole measurement: 4" diameter & 3 mtr depth



Step 3 Insert the Yash Earthing Solutions Earthing Electrode/Rod



Step 4 With rod inserted, fill the hole with Advanced Ground Enhancing Compound



Step 5 Pour water around the rod



Step 6 Place the Yash Earthing Solutions Earthing Cover



Step 7 Cover the Yash Earthing Solutions Earthing Cover with soil and ram properly





Certificate of Registration

This is to certify that

YASH EARTHING SOLUTIONS PVT LTD

OFFICE ADDRESS: RAJDRANI COMPLEX, SHOP NO. 42, BASEMENT, NEAR SHANKAR MAHARAJ MATH, BALAJI NAGAR, PUNE, MAHARASHTRA 411009

FACTORY ADDRESS: SHED NO - 41, UTTAM INDUSTRIAL ESTATE, SR NO 51, NEXT TO POONAM PETROL PUMP, NR. KOKAN RATNA FAMILY RESTRO & LODGE, OPP. HOTEL SHRUSHIL, MANGDEWADI, KATRAJ, PUNE - 411046

has been independently assessed by QRO and is compliant with the requirement of

ISO 9001:2015

Quality Management System

For the following scope of activities:

MANUFACTURER AND SUPPLIER OF CHEMICAL EARTHING EQUIPMENT

Date of Certification: 21st January 2021

2nd Surveillance Audit Due: 20th January 2023

1st Surveillance Audit Due: 20th January 2022

Certificate Expiry: 20th January 2024

Certificate Number: 305021012110Q



Chauhan
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 20 days from date of the audit. In case surveillance audit is not allowed to be conducted, this certificate shall be suspended / withdrawn.

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India Office : QRO Certification LLP

141, 3rd Floor, Near Eashtech, Near Panchsheel West Metro Station, Datta Chowdi, (PUNE)
Website : www.qro.org, E-mail : info@qro.org

CERTIFICATION



Certificate of Registration

This is to certify that

YASH EARTHING SOLUTIONS PVT LTD

OFFICE ADDRESS: RAJDHANI COMPLEX, SHOP NO. 02, BASEMENT, NEAR SHANKAR MAHARAJ MATHI, BALAJI NAGAR, PUNE, MAHARASHITRA 411009

FACTORY ADDRESS: SHED NO - 01, UTTAM INDUSTRIAL ESTATE, SR NO 9/1, NEXT TO POONAM PETROL PUMP, NR. KOKAN RATNA FAMILY RESTRO & LODGE, OPP. HOTEL SHRUSHTI, MANGDEWADI, KATRAJ, PUNE - 411046

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 45001:2018

Occupational Health and Safety Management System

For the following scope of activities:

MANUFACTURER AND SUPPLIER OF CHEMICAL EARTHING EQUIPMENT

Date of Certification: 21st January 2021

2nd Surveillance Audit Due: 20th January 2023

1st Surveillance Audit Due: 20th January 2022

Certificate Expiry: 20th January 2024

Certificate Number: 305021012111HS



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CERTIFICATION





YASHI
GROUP OF INDUSTRIES

Our product range, Manufacturing systems, supply network & customer support have earned us a position at the top of the industry.



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