

2015 ISO Ranked Company



PRASUN MULTISERVICES
BETTER THAN THE BEST



- **Chemical Earthing**
- **Soil resistivity Improvement compound**
- **Lightning arrester**
- **Earthing pit covers**
- **Electrical geysers**
- **Electrical Power saver**
- **Other Electrical appliances**
- **PC / Mobile based Software and so on**

Phulenagar Gat No. 327 Pune Solapur Road Loni Kalbhor, Pune 412201, Maharashtra
Ph: 7020735788 /9175820129/9175541480/9175541481 | prasunmultiservices@gmail.com

GSTIN : 27DEQPS6954J1ZG

About the Company

Founded in January 2023, with focus on giving On time service to customer, we are dealing in Manufacturing, Marketing and after sale activities in Various products like Earthing electrodes, Soil resistivity Improvement compound, Earthing pit cover, Lightning arrester, Power saver, Electrical geysers and so on. We are also in Software developments as per need of customer in various residential/commercial/industrial projects. Our team continuously work on customer problems and their solutions to enhance the productivity of their organization.



Vision :

To improve ordinary things by extraordinary activities



Mission :

To give "better than the best" solutions for our valuable customers.

About Electrical Earthing

The Fundamental fact of Electricity is that it always flows to the point of lowest potential. Electricity earthing / grounding ensure that electricity including faults, lighting and electronic noise are flow to this point with maximum safety to people and at the same time the reliability of equipment is also maintained.

The earthing / grounding requirements of a power system will vary from those of electrical equipment, lighting protection or for the proper function of electronic equipment.

An Effective low -impedance earthing / grounding system is a vital element and it is crucial in ensuring for personal safety as well as providing reliable protection for electrical / electronics equipment.

Prime Objective of Earthing is to provide a Zero potential surface in and around and under the area where the electrical equipment is installed or erected.

To achieve this objective the non-current carrying parts of the electrical equipment is connected to the general mass of the earth which prevents the appearance of dangerous voltage on the enclosures and helps to provide safety to working staff and public.

The function of earthing electrode is to ensure continuous electrical contact with the earth.



INTRODUCTION

After invention of the electricity people started using more and more sophisticated equipments such as micro processor based units. But no one has thought of upgrading the Earthing Systems which is still in its conventional way.

Due to this now a days people are facing various problems such as Breakdown failure, Data corruption, Accidents amounting huge losses.

To avoid all these disadvantages we have introduced a best electrical earthing, sound in terminology with the current art of modernised and advanced technology and product to declare that the object, target is only meant for electricity safety to man and machinery. The main criteria of any earthing will be flourished only depend upon the moisture content which has also been taken care by a marvelous compound called **MOISTURE BOOSTER** which will be used at the time of installation & such booster will have the character or retaining the moisture contents for very longer period. By the simple method of arguing of 8" to 10" dia, this Earth Electrodes can be installed very easily (installation method will be posted in each electrodes) which will reflect immediately with good results and no further maintenance is required. In short, it is totally an earthing solution for all your applications.

APPLICATIONS

- ✓ Substations And Power Generation Stations
- ✓ Transformer Neutral And Body Earthing
- ✓ High Voltage/Low Voltage Transmission Line Earthing
- ✓ Electronics And Telecommunication Towers
- ✓ Wind Mills, PV Solar Generation Plants, DG Sets
- ✓ Electric Boards, Municipal Corporation
- ✓ Oil-Natural Gas Sectors
- ✓ Ceramics, Pharma-Ceuticals/Chemicals, Food Processing Units
- ✓ Cotton And Textile Industries
- ✓ Microprocessor/PLC Based Numeric Control Automation Machines
- ✓ AC Drives, CNC , VMC, Machines
- ✓ Residential Houses, Flats, Apartments, Towership Etc.
- ✓ Commercial Arcades, Institutes/Schools, Banks, ATM, Hotels Etc.
- ✓ General Equipment And System Earthing
- ✓ LT and HT Consuming Industries And Factories

ADVANTAGES

- ✓ Easy to Installation
- ✓ Longest Life Span
- ✓ Corrosion Resistive System
- ✓ High Lead Carrying Capacity
- ✓ Low Resistivity
- ✓ Consistence Performance
- ✓ Highly Reliable for Safety of Human Life
- ✓ Least Fluctuation in Ohmic Value Maintenance



PRASUN MULTISERVICES
BETTER THAN THE BEST

We are Manufacturing Earthing Electrodes in Standard length of 1 mtr, 2mtr, 3mtr & 6mtr & Various sizes as per requirement, under the brandname. These Electrodes confirm to IS 3043-1987 (Code of Practice for Earthing)

GI Earthing Electrode (SIP/PIP) :

Strip in Pipe Electrode & Earthing consists of primary earthing electrode (outer pipe) and a strip inside. The strip is inserted inside the primary electrode to the full length from top to bottom and the process of hot dip galvanization is well performed to a level of 80-100 microns. The space between the outer pipe and the strip is duly filled with a highly conductive and non-corrosive compound which safeguards the electrode getting corrode over a long period of time under the soil.

Also the compound ensures the easy distribution of leakage/fault current lands on the electrode. Both the ends of the electrode are permanently sealed at both the ends with the lead terminal at the top with 2 holes on the terminal for connecting to the load / equipment.

Pipe in Pipe Electrode & Earthing consists of primary earthing electrode (outer pipe) and a Pipe inside. The Pipe is inserted inside the primary electrode to the full length from top to bottom and the process of hot dip galvanization is well performed to a level of 80-100 microns. The space between the outer & Inner pipe is duly filled with a highly conductive and non-corrosive compound which safeguards the electrode getting corrode over a long period of time under the soil.

Features :

- Hot dip galvanized for corrosion protection
- Low maintenance on site.
- Most suitable for soil condition with pH value between 5.0 & 8.0
- Designed for fast fault current dissipation.
- Easy & Fast Installation on site.
- Moisture Booster chemical bags provided for low earth resistance.

Specifications :

MODEL	LENGTH	TERMINAL SIZE	THICKNESS	INNER STRIP	OUTER PIPE	INNER PIPE
25GPSGI	1,2,3	—	—	—	25	—
50GPSIPGI	1,2,3,6	40X6	1.6/2,3	25X3	48	—
80GPSIGI	1/2,1,2,3,6	50X6	1.6/2,3	50X6	76	—
100GPSIPGI	1,2,3	75X6	1.6/2,3	50X6	100	—
150GPSIPGI	3,	100X6	1.6/2,3	100X6	150	—
50GPPIPGI	1,2,3	40X6	1.6/2,3	—	48	25
80GPPIPGI	2,3	50X6	1.6/2,3	—	76	38
100GPPIPGI	1,2,3	75X6	1.6/2,3	—	100	48
150GPPOPGI	3,	100X6	1.6/2,3	—	150	76

(Above Dimensions may vary as per Requirements / conditions*)

Copper Bonded Earthing Electrode :

Copper Bonded Earthing Electrode are of high quality which comply by the most demanding regulations, for efficient and long lasting earthings. Copper bonded rods are made by molecularly bonding pure electrolytic copper (99.9%) onto a low carbon, high tensile steel core with exceeding 0.254 mm(254 microns) thick.

Low carbon & high tensile steel core is selected to ensure a perfect and even bonding between the steel and copper . The thickness of the copper layer is of min. 10-250 microns.

The low carbon tensile steel comply with UL 467, BS 970 & AISI 1018 that has great capacity of being stretched or extended at least up to 600 N/mm². The steel rods are extremely opposed to oxidization and add a lot of strength & longevity to electrical grounding system.

Features :

- 100 microns coating on iron electrode
- Low maintenance on site.
- Most suitable for soil condition with pH value between 5.0 & 8.0
- Designed for fast fault current dissipation.
- Easy & Fast Installation on site.
- Moisture Booster chemical bags provided for low earth resistance.

Specifications :

MODEL	LENGTH	TERMINAL SIZE	PIPE THICKNESS	INNER STRIP	OUTER PIPE	INNER PIPE	COPPER COATING THICKNESS
17GPSCB	1,2,3	V	-	-	14.2	-	50,100,250
25GPSCB	1,2,3	V	-	-	19.2	-	50,100,250
32GPSCB	1,2,3	V	-	-	27.2	-	50,100,250
40GPSCB	1,2,3	V	-	-	35.2	-	50,100,250
50GPSIPCB	1/2,1,2,3	40X6	1.6/2,3	25X3	48	-	50,100,250
80GPSIPCB	1,2,3	50X6	1.6/2,3	50X6	76	-	50,100,250
100GPSIPCB	1,2,3	75X6	1.6/2,3	50X6	100	-	50,100,250
150GPSIPCB	3	100X6	1.6/2,3	100X6	150	-	50,100,250
50GPPPCB	1,2,3	40X6	1.6/2,3	-	48	25	50,100,250
80GPPPCB	1,2,3	50X6	1.6/2,3	-	76	38	50,100,250
100GPPPCB	1,2,3	75X6	1.6/2,3	-	100	48	50,100,250
150GPPPCB	3	100X6	1.6/2,3	-	150	76	50,100,250

(Above Dimensions may vary as per Requirements / conditions)

Pure Copper Pipe Electrode :

Electrode consists of a primary earthing electrode (outer pipe) of (99.9%) pure Copper pipe. The hollow space of the electrode is duly filled with a highly conductive and non-corrosive compound which safeguards the secondary electrode getting corrode over a long period of time under the soil.

Also the compound ensures the easy distribution of leakage/fault current lands on the electrode. Both the ends of the electrode are permanently sealed and the top portion of the earth electrode is compressed to form an extended lead with 2 holes on the terminal for connecting to the load/equipment.

Features :

- Used 100% Copper for long life
- Low maintenance on site.
- Most suitable for soil condition with pH value between 5.0 & 8.0
- Designed for fast fault current dissipation.
- Easy & Fast Installation on site.
- Moisture Booster chemical bags provided for low earth resistance.

Specifications :

MODEL	LENGTH	TERMINAL PIPE	PIPE THICKNESS	INNER STRIP	OUTER PIPE	INNER PIPE
50GPSIPC	1,2,3	40X6	1.6/2,3	25X3	48	-
80GPSIPC	1,2,3	50X6	1.6/2,3	50X6	76	-
100GPSIPC	1,2,3	75X6	1.6/2,3	50X6	100	-
150GPSIPC	3,6	100X6	1.6/2,3	100X6	150	-
50GPPIPC	1,2,3	40X6	1.6/2,3	-	48	25
80GPPIPC	1,2,3	50X6	1.6/2,3	-	76	38
100GPPIPC	1,2,3	75X6	1.6/2,3	-	100	48
150GPPIPC	3	100X6	1.6/2,3	-	150	76

(Above Dimensions may vary as per Requirements / conditions)



(GI Earthing Electrode)



(Copper Bonded Electrode)



(pure copper electrode)

Earthing Strips

Earthing strips are employed to divert the fault current through an alternative route to the ground so as to safeguard the equipment.

What to look while selecting earthing strip?

The earthing strip should exhibit low resistance to electrical current, should be able to withstand the impact of corrosion inducing agents and must be capable of dissipating abnormal fault current regularly.

The strips should be constructed out of superior quality copper, aluminium or Galvanized Iron (GI). Flexibility in thickness and width should be present. A normal earthing strip have its thickness between 3 to 6 mm whereas the width vary from 15 -100 mm. This flexibility ensures that the strip can prove useful in varied applications. The thermal and electrical conductivity of the earthing strip should be good. Galvanized strips come loaded with all the qualities that you may seek in a perfect earthing strip. Disregard of safety matters and use of faulty electrical equipment have claimed many lives. Hence the earthing strip you choose for your application should have accurate dimension, robust build and corrosion resistance.

Galvanized earthing strips are manufactured using premium quality iron or steel. The strips are subject to galvanization in accordance with the ISI specifications. Earthing strips are most preferred in areas where the soil conditions are rocky. The coating of zinc on the galvanized strips is recommended to be a minimum of 80 microns. The hot dipped galvanized iron strips have a width in the range of 25-75 mm and thickness of 3-12 mm. The strips have protracted life and require very little maintenance during their lifetime.



Backfill Chemical Compound :

Earthing electrodes has introduced an illustrious compound "BFC" grounding minerals which is used around the earth electrodes in order to reduce the resistance between soil & the electrode. BFC grounding minerals is a combination of graphite, natural earth minerals, etc which is of hygroscopic property to retain the moisture for a long time. BFC grounding minerals is a combination of totally corrosion free and highly conductive and non-corrosive minerals. BFC grounding minerals will form a low resistance zone surrounding the electrode and provide an easy path for the fault/leakage current dissipation. The Life of the earthing electrode surrounded by the BFC grounding minerals is considerably long compared to the conventional salt & charcoal based system. Since the content of the BFC grounding minerals are extracted from the natural minerals, it is more environment friendly and suitable to use under the soil. It constantly absorbs any naturally available moisture from the environment and ensure the stable resistance even in dry conditions. BFC grounding minerals is available in 15, 25, 50 Kgs bag.

Advantages :

- Positive low resistance electrical connection to the earth.
- Compatible with all Copper, GI, MS & Stainless Steel grounding systems.
- Does not contain any Hazardous chemicals
- Will not leech into the ground.
- Never need Recharging.
- Electrically conductive.
- Environmentally Friendly
- Stable permanent ground for the life of the grounding system contains a corrosion inhibitor to protect copper.
- Will not expand or experience any shrinkage.
- Not affected by freezing
- Simple to install
- Excellent shelf life with no performance effects.



Earthing Chamber Cover :

Environment friendly rust proof heavy duty weather proof polyplastic earth pit chamber.



Dimensions : Top (Dia) : 254 mm
Bottom (Dia) : 330 mm
Height : 260 mm

Dimensions : Length : 245 mm
Width : 245 mm
Height : 195 mm



Main Features :

Factory built long holes for accessing strips/wires at four side.
Made of heavy duty polyethylene for extra durability.
Resistant materials, assuring long use-life.
Green Top Cop matches th environment.

Features & Benefits :

- Improved Working Area:** A Larger Working Area, with improved access, simplifies both initial installation and subsequent inspection.
- Rod Placement Area :** This ensures that the Earth Rod is centrally positioned, simplifying Earth clamp connection.
- Screw Retention Facility :** The Stainless Steel, Rustproof screws may be snapped into the lid, preventing loss whilst on storage or on site.
- Optional Earth Bar Facility :** An Earth bar may be inserted in the pit to allow for multiple connection to the earth rod.

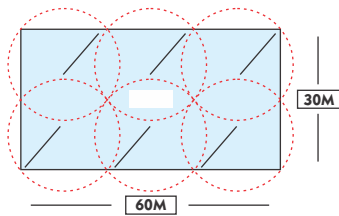
Lighting Protection System

A Lightning protection system offers a low resistance path to "lightning strike" upto ground where the enormous energy is then safely dispersed. There are two type of lightning protection system.

- 1) Active / ESE Lightning Protection system having Protection Radius 107 mtr.
- 2) Passive / Conventional Lightning Protection System having Protection Radius 10 mtr.



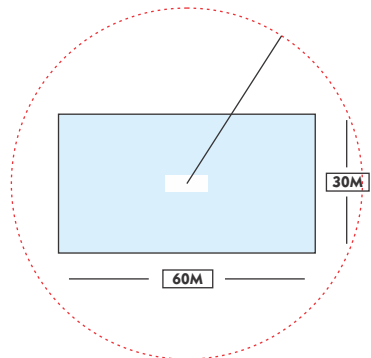
Conventional / Passive Lightning Arrester



Range of protection by a normal lightning rod.



ESE /Active Lightning Arrester



Range of protection by ESE Lightning Rod.

To Under stand the difference between active and passive protection we should understand the previous lightning strike formation process.

When it's produced an electrical storm, it's generated mostly in the bottom of the cloud an electric field with negative charge. At the same time, it appears a positive charge on the ground below the storm. When the electrostatic field is less than 8 kV / m , air is an insulator, but when it is equal to or greater can generate an electric arc (lightning).

What is a Conventional / Passive Rods System ..?

Simple rods or Franklin rods don't perform a special action during thunderstorm, the protection of these rods is based on its position, morphology, materials and physical reaction that is performed due to the electrostatic field.

The positive charge rises from the ground through the grounding system to the tip of the lightning rod, which when being placed in a dominant height connecting ground to the tip of the lightning rod, which it is placed in a dominant height, becomes in a favorable point to the lightning strike in other part of the installation.

The air terminals can reinforce the protection by a mesh. The mesh is a grounded metal network covering the entire building. When lightning strikes on it, the current discharge is distributed throughout the network, reducing the damages that it can cause to the facilities.

What is an ESE / Active lightning rod system ..?

An ESE lightning rod with an Early Streamer Emission system has a target anticipate it to the lightning strike, in order protect all the rest of the area. The Operating principle is same as the simple rod, an additional ionization system getting cover a greater protection radius.

Creates an upward leader further away to the extra ionization of the ESE lightning rod, which is activated by the electromagnetic field produced by the storm. The ESE attracts the lightning to its tip, then the down-conductors conduct the current discharge to the grounding system getting cover a greater protection radius.

This ionization, allows to the active protection, to have a greater protection radius. With this methodology we managed to cover not only the structure but also its surroundings or open areas.

Advantage of ESE / Active lightning rod system ..?

The difference between these systems is the activity carried out during the storm. As explained in the above points, the main and important difference is the protection radius of each external lightning protection.

This difference allows us to specify its advantages :

- 1). The active system has a bigger protection radius: it can be more than twice the protection radius of a simple lightning rod, depending on the models.
- 2). The active protection system is the most inexpensive: In cases where it is necessary to cover a huge area, may be more expensive to install a large number of franklin rods installation that only one ESE.
- 3). Reduced visual impact: Needing fewer elements, aesthetics of the structure or protected area will be less affected.
- 4). Active protection not only protects the structure, also protect surrounding and open area.

Why to use GI/Copper

Corrosion is the major factor affecting the life of the an electrode. Protecting the steel electrode by molecular bonding of copper is a globally accepted and efficient method to avoid corrosion. The percentage of corrosion of different materials in the same soil in 10 years life is shown in chart given (as per IS : 3043/87)

Earthing Material	Corrosion in 10 years by weight
Copper	2%
Copper- Bonded	7%
Hot Dipped Galvanized	5%
Cast Iron	22%

Selection of Earth System

	Neutral Earthing	IR Value Required	Soil Type / Resistivity	Earth System
1.	House hold earth- 3KA	8 ohm	Normal Soil/up to 50 ohm mtr.	Single Electrode GP-MFE-40-3 GP-MFE-50-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	Single Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	Two Electrode GP-MFE-80-3
2.	Commercial Premises,Office, Building SkA	2 ohm	Normal Soil/up to 50 ohm mtr.	Single Electrode GP-MFE-80-3 GP-MFE-50-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	2/3Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	3/4 Electrode GP-MFE-80-3
3.	Transformers Substation Earthing, LT line equipment / 15kA	1-2 ohm	Normal Soil/up to 50 ohm mtr.	2 Electrode GP-MFE-80-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	2/3 Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	4 Electrode GP-MFE-80-3
4.	Transformers Substation Earthing, HT line equipment / 40kA	Less Than 1 ohm	Normal Soil/up to 50 ohm mtr.	2 Electrode GP-MFE-80-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	2/3Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	4 Electrode GP-MFE-80-3
5.	Extra high current applications etc/50Ka	Less Than 1 ohm	Normal Soil/up to 50 ohm mtr.	2 Electrode GP-MFE-80-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	2/3Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	4 Electrode GP-MFE-80-3
6.	PRS, UTS, RTUs, FOIS, COIS, ATMs and data processing centre etc-5Neutral Earthing	Less Than 0.5 ohm	Normal Soil/up to 50 ohm mtr.	2 Electrode GP-MFE-80-3
			Sandy Soil / Between 50 to 2000 ohm-mtr	2/3Electrode GP-MFE-80-3
			Rocky Soil / More than 2000 ohm-mtr	4 Electrode GP-MFE-80-3

Note : For body Earthing and lightning arrester Earthing earth resistance required for anything at any type of soil is less than 5 Ohm.

Equipment and Their Suitable Earthing Strip Size

Sr No	Equipments	Earthing Strip Size	Earthing Electrode size (Dia x Length) and Type
1	Ht Switchgear, Structures, Cable Tray & Fence, Rails, gate and Steel column	50 x 6 GI	76mm x 3mtr GI
2	Lightning Arrester	25 x 3 Copper	48mmx3mtr Copper / Copper Bonded
3	DG and Transformer Neutral	50 x 6 Copper	76mmx3mtr Copper / Copper Bonded
4	Transformer Body	50 x 6 GI	76mm x 3mtr GI
5	Control and Relay Panel	25 x 6 GI	48mm x 3mtr GI
6	Lighting and Local Panel	25 x 6 GI	48mm x 3mtr GI
7	Distribution Board	25 x 6 GI	48mm x 3mtr GI
8	Motor Upto 5.5KW	25 x 6 GI	48mm x 3mtr GI
9	Motor 5.5KW to 22KW	25 x 6 GI	48mm x 3mtr GI
10	Motor 22KW to 55KW	50 X 6 GI	76mm x 3mtr GI
11	Motor above 55KW	75 X 6 GI	88mm x 3mtr GI



GI EARTHING ELECTRODE



COPPER BONDED ELECTRODE



BACKFILL CHEMICAL COMPOUND



EARTHING CHAMBER COVER



EARTHING CHAMBER COVER



PURE COPPER ELECTRODE

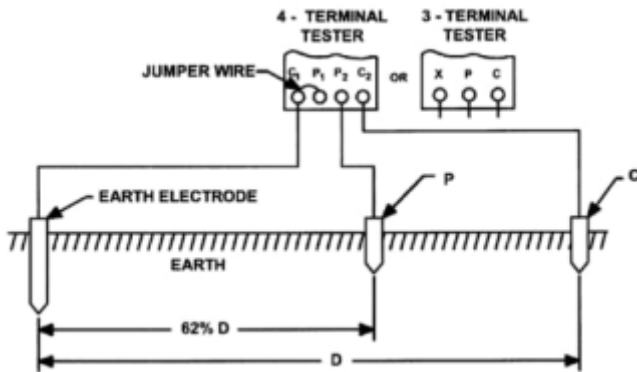


LIGHTNING ARRESTER

How to measure the Earthing resistance

3 Point

With a four terminal tester, P1 and C1 terminals on the instrument are jumpered and connected to the earth electrode under test while the C2 reference rod is driven into the earth straight out as far from the electrode under test as possible. Potential reference P2 is then driven into the earth, at a set number of points, roughly on a straight line between C1 and C2. Resistance readings are logged for each P2 point.



Fall-of-potential test method. Photo Credit: Megger

Measurements are plotted on a curve of resistance vs. distance. Correct earth resistance is read from the curve for the distance that is roughly 62% of the total distance between C1 and C2.

There are three basic types of the fall-of-potential method:

- **Full fall of potential:** A number of tests are made at different spaces of P and a full resistance curve is plotted.
- **Simplified fall-of-potential:** Three measurements are made at defined distances of P and mathematical calculations are used to determine the resistance.
- **61.8 Rule:** A single measurement is made with P at a distance 61.8% (62%) of the distance between C1 and C2.

Do's & Dont's

Do's

- Do ensure that the electrode shall, as far as practicable be embedded below permanent moisture level
- Do inspect the earth electrode regularly.
- Do ensure that every earth wire shall be of copper galvanized iron or steel.
- Do ensure good and reliable electrical connection between earthing leads & earth electrodes
- Do ensure that the path of earth wire should as far as possible, be out of reach of any person.
- Do Consider all parameters while designing the earth system
- Do ensure the size of earthing wire is proper and according to IS 3043 (Code of practice for earthing and IE rules)
- Do ensure that all materials fitting etc. use in the earthing system shall conform to IS Specification wherever they exist
- Do ensure safety earthing while working on electrical installation
- Do ensure that as far as possible all earth terminals should be visible

Dont's

- Don't connect single pole switch or fuse in a neutral circuit. Always connect it in the live or phase wire circuit.
- Don't renew a blown fuse until you are satisfied as to the cause of its blowing and also as to the removal of the cause
- Don't use copper or aluminium wire as a substitute for fuse wire
- Don't touch or tamper with any electrical gear or conductor unless you have made sure that it is dead end corded. High Voltage apparatus may give shock or flashover without touching
- Don't disconnect earthing connections or render ineffective the safety gadgets installed on mains and apparatus till you are at work
- Don't expose your eyes to an electric arc. Painful injury may result even with short exposure.
- Don't take unnecessary risk with electricity. Low voltage under certain circumstances can be dangerous.
- Don't use paint, enamel and grease on the electrodes.
- Don't use neutral conductor as earth wire.
- Don't use water pipe line for earthing.

Boring services for chemical Earthing and Pole foundation work



We have self owned boring vehicles for earthing electrode installation work. All our labour's are equipped with safety kit. Different sizes of holes can be drilled with this. In addition, We provide boring services for Pole foundation.



INSTANT WATER MINI GEYSER



Features:

- Hot Water In 10 Seconds
- 50 To 60 Ltr In 1 Hr
- Shock And Corrosion Proof, Maintenance Free
- No Additional Fitting Is Needed Rather Than The Installation
- 1 Year Replacement Warranty
- Less Weight, Small Size
- Auto Cutoff For Safety
- Suitable For All Types Of Water
- It Can Be Used In Kitchen, Bathroom, Saloon, Hotel, Lawn, Beauty Parlour
- Cheap As Compared To Other Geysers
- Electricity Saving 5% To 15%

Totally Made in India Product

Power Saver

We often know, there is always surges in electricity from time to time that result in spikes that can lead to damage to household equipments and appliances. Spikes consume electricity leading to overheating which tends to reduce life of appliances and wiring. It also leads to blowouts and power cuts.

Power saver reduces amount of power drawn from the utility by storing lost electricity caused by inductive motors in its capacitors and supplying back to inductive loads. It causes to reduction in demand of electricity from utilities so less electricity will be going to consume.



Features

- Do not disturb current wiring system
- Improves power factor
- No heating effect
- High quality fireproof material
- Electricity Saving 10% to 25%
- Maintenance free

Installation

Plug the power saver into the socket nearest to main circuit breaker.

Precautions

- Keep away from children
- Wiring should not be loose
- Always switch off when you are not at home



PRASUN MULTISERVICES
BETTER THAN THE BEST

AIR COOLER

Model -I

- Supply voltage: 230 Volts
- Wattage: 100 watt
- Water tank capacity: 30 ltr
- Fan size: 12 inch
- Height : 2.6 feet
- Length: 1.5 feet
- Width: 1.4 feet



Model -II

- Supply Voltage: 230 Volts
- Wattage: 120 watt
- Water tank capacity: 50 ltr
- Fan size: 12 inch
- Height: 3.3 feet
- Length: 1.5 feet
- Width: 1.4 feet

