



SG POWER

Leading Manufacturer of Chemical Earthing

Maintenance Free Earthing - Copper

These systems furnish extra long life to equipments, safety of human beings, & does not require any maintenance simultaneously reduces maintenance cost. chemical earthing system exhibits low resistance path in ground to any fault & leakage currents and ensure the smooth flow of the ground dissipation.

Earthing electrode comprises of primary electrode (outer pipe) and secondary electrode (inner pipe). The secondary electrode is inserted inside the primary electrode. Both pipes are made of pure copper to ensure the long life of the earthing rods against any corrosion or oxidation when it is exposed to the contact of the soil.

The space between the outer and inner pipe is duly filled with a non-corrosive Crystalline conductive compound which safeguards the earthing electrode getting corrode over a long period of time under the soil. Also the conductive compound ensures the easy distribution of leakage/fault current if it is landed on the earthing electrode.

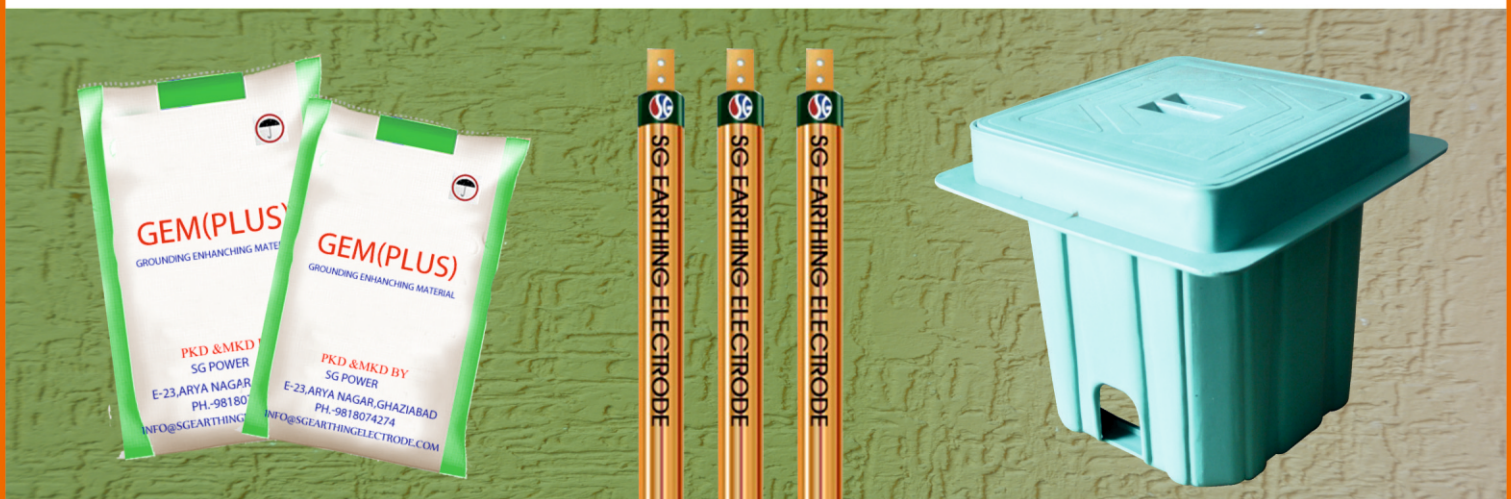
Both the ends of the earthing electrode are permanently sealed and a GI terminal is provided at the top with the 2 holes on the terminal for connecting to the load/equipment.

Depending upon the soil conditions, back fill compounds are selected to install along with the earthing electrode

Life of Pure copper Earth Electrodes is extremely high and may go upto 25 years.

Model	Electrode Length in mm	Outer pipe Diameter in mm (Pure copper)	Inner pipe Diameter in mm (Pure copper)	Terminal Size (LxT) in mm	Conductive Minerals Filled
SG350C	3000	50	25	32x06	YES
SG250C	2000	50	25	32x06	YES
SG150C	000	50	25	32x06	YES
SG380C	3000	76	50	50x06	YES
SG280C	2000	76	50	50x06	YES
SG180C	000	76	50	50x06	YES

Copper Earthing Electrode Kit





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Maintenance Free Earthing - GI

These systems furnish extra long life to equipments, safety of human beings, & does not require any maintenance simultaneously reduces maintenance cost. chemical earthing system exhibits low resistance path in ground to any fault & leakage currents and ensure the smooth flow of the ground dissipation.

Earthing electrode comprises of primary electrode (outer pipe) and secondary electrode (inner pipe). The secondary electrode is inserted inside the primary electrode and the process of hot dip galvanization is done at a level of 80 – 100 microns. The galvanization is performed to ensure the long life of the earthing rods against any corrosion when it is exposed to the contact of the soil.

The space between the outer and inner pipe is duly filled with a non-corrosive Crystalline conductive compound which safeguards the earthing electrode getting corrode over a long period of time under the soil. Also the conductive compound ensures the easy distribution of leakage/fault current if it is landed on the earthing electrode.

Both the ends of the earthing electrode are permanently sealed and a GI terminal is provided at the top with the 2 holes on the terminal for connecting to the load/equipment.

Depending upon the soil conditions, back fill compounds are selected to install along with the earthing electrode.

Model	Electrode Length in mm	Electrode Diameter in mm (Outer Pipe)	Electrode Diameter in mm (Inner Pipe)	Terminal Size (LxT) in mm	Conductive Minerals Filled
SG350	3000	50	25	32x06	YES
SG250	2000	50	25	32x06	YES
SG150	1000	50	25	32x06	YES
SG380	3000	76	50	50x06	YES
SG280	2000	76	50	50x06	YES
SG180	1000	76	50	50x06	YES

GI Earthing Electrode Kit





SG POWER

Leading Manufacturer of Chemical Earthing

Copper Bonded Rods

Copper bonded ground rods are latest solution in chemical earthing field. Copper bonded rod comprises of a steel core of high tensile strength and 99.99% pure copper is bonded over it.

Keeping in view long life of rods upto 250 micron thickness is maintained on steel core which assures rust prevention for longer time.

Supremely High conductive back fill compound is supplied along with Copper bonded rod.

Currently almost all telecommunication organization have adopted it. Apart from that these rods are widely used in all other industries like Indian Oil corporation , cement industry, steel industries etc.

Model	Rod Length in mm	Rod Shank Diameter in mm	Copper Bonding Thickness
SG314 CB	3000	14	254 microns
SG214 CB	2000	14	254 microns
SG114 CB	1000	14	254 microns
S317 CB	3000	17	254 microns
SG217 CB	2000	17	254 microns
SG117 CB	1000	17	254 microns
SG325 CB	3000	25	254 microns
SG225 CB	2000	25	254 microns
SG125 CB	1000	25	254 microns

Copper Bonded Rods - Earthing Kit





SG POWER

Leading Manufacturer of Earthing Pit Covers

Earthing Pit Covers

SG power is one of the largest manufacturer of Earth Pit covers and possesses large number of satisfied customers as best quality raw material is used for making these products. Pit cover manufactured by us have excellent durability , and optimal strength to withstand substantial load of any kind.

Earthing Pit covers are provided over earthing top to do health check as well as checking and recording Earthing Resistance value. In order to avoid masonry work at site ready made earth pit covers were introduced. Being one of the pioneers in manufacturing HDPE earth pit covers we are committed to provide best quality products yet at reasonable price.

Earthing Covers are made of high density poly Polypropylene. Its comprises conical shape and having less diameter at top compare to bottom. This unique shape has an added advantage that it is tightly caught by surrounding soil and does n't come out easily when pulled.

Features

- ★ Easy to install at Site.
- ★ Environment friendly Withstand color /UV unaffected
- ★ Easy transportation.
- ★ Very light weight making their usage user friendly compared to concrete earth pits.
- ★ Easy access to electrode to see electrode health check.
- ★ Green top cap matches the environment.

Application

- | | |
|---------------------------|---------------------|
| ★ Telecommunication | ★ Power sector |
| ★ Automobile | ★ Banking |
| ★ Building & Construction | ★ Cement |
| ★ Steel | ★ Solar |
| ★ Auto components | ★ Health Care |
| ★ Manufacturing | ★ Textiles |
| ★ Oil & Gas | ★ Engineering |
| ★ Food Possessing | ★ Chemical Industry |

Certified from NABL Accredited Lab

EPC-01

Top Dia 205mm
 Bottom Dia 245mm
 Height 270mm

9"

ROUND

EPC-02

Top Dia 245mm
 Bottom Dia 325mm
 Height 280mm

12"

ROUND

EPC-03

Top Dia 255mm
 Bottom Dia 350mm
 Height 260mm

13"

ROUND

EPC-04

Length 300mm
 Breadth 300mm
 Height 260mm

12"

SQUARE