

PRODUCT DESCRIPTION

Chemical Ground Electrodes is the latest grounding design ,which reduce the resistance with ion release effect . The available material including pure copper , copper clad steel, stainless steel,copper bonded stainless steel and galvanized steel, we offer the competitive chemical grounding rod price.

PRODUCT PARAMETER

| | |
|------------------------|--|
| Material | Pure Copper, Copper Clad Steel, Stainless Steel, Copper Bond Stainless Steel, Galvanized Steel |
| Copper Purity | 99.90% |
| Size | according to customer's requirement |
| Straightness error | ≤1mm/m |
| Service life | ≥30years |
| Function | Used in grounding system |
| Available service mode | OEM,ODM |
| Certificate | ISO9001:2008,CE,SGS |

PRODUCT SIZE

| Product Name | Model | Size | Material | Environment | Life years |
|--|-------------|-------------|----------------------------------|-------------------------------|------------|
| Pure Copper Chemical Ground Electrodes | SIG-AA15S95 | Φ54x1500mm | pure copper pipe | variety | ≥50 |
| | SIG-AA30S95 | Φ54x3000mm | | | |
| Copper Clad Steel Chemical Ground Electrodes | SIG-AB15S95 | Φ50x1500mm | copper clad steel pipe | variety | ≥30 |
| | SIG-AB30S95 | Φ50x3000mm | | | |
| Stainless Steel Chemical Ground Electrodes | SIG-AC15S95 | Φ51 x1500mm | stainless steel pipe | variety | ≥30 |
| | SIG-AC30S95 | Φ51x3000mm | | | |
| Copper Bond Stainless Steel Chemical Ground Electrodes | SIG-AD15S95 | Φ51 x1500mm | copper bond Stainless steel pipe | variety | ≥30 |
| | SIG-AD30S95 | Φ51x3000mm | | | |
| Galvanized Steel Chemical Ground Electrodes | SIG-AE15S95 | Φ57x1500mm | galvanized steel pipe | variety | ≥30 |
| | SIG-AE30S95 | Φ57x3000mm | | | |
| Launch Ring Pure Copper Chemical Ground Electrodes | SIG-AAX15 | Φ50x1500mm | T2 copper pipe | bare copper stranded wire | ≥50 |
| | SIG-AAX30 | Φ50x3000mm | | | |
| | SIG-AAX15 | Φ60x1500mm | | | ≥50 |
| | SIG-AAX30 | Φ60x3000mm | | | |
| Launch Ring Stainless Steel Chemical Ground Electrodes | SIG-ACX15 | Φ51 x1500mm | 304 stainless steel pipe | stainless steel stranded wire | ≥50 |
| | SIG-ACX30 | Φ51x3000mm | | | |
| | SIG-ACX15 | Φ55x1500mm | | | ≥50 |

Above is the common size, we also can do according to your requests. Please contact us to get to know more information about our products and service.

PRODUCT ADVANTAGES

Effective resistance reducing : The resistance reducing agent absorb the water from soil to reduce the resistance and keep stable ;

Stable resistance reducing result: The electrolytic ion grounding rod act one week later after installation ,and little effected by the temperature and humidity ,the life can be 30 years ;

Good anti corrosion and conductivity: Good anti-corrosion and conductivity obtained with Skin-effect and pure copper material;

No maintenance cost: No special care after installation ,and the maintenance cost is very low ;

Shiny surface: Experienced workman make the rods with advanced machines ,and the surface is more shiny;

Simple installation: Simple installation both by machine and hand are ok ,and the installation cost is very economical;

Long life: Max copper thickness at single side can reach 0.5mm and theoretical life can reach 30 years ;

Quality accessories: The accessories of rod are made with quality material and 8 years.

PRODUCT APPLICATION

Chemical Ground Electrodes is used for grounding system of power plant ,transformer station ,tower ,communication station ,airport, railway, subway station , high building ,computer room ,petro plant ,oil reservoir in the environmental of moist ,saline and alkaline ,acid and chemical corrosion medium environmental.

PRODUCT INSTALLATION

1).Drilling: Dill the hole about 140mm×3500mm on the earth , or dig the channel about 300mmx3500x800mm and install the grounding rod . Multi grounding rods should be connected by the channel 350mmx600mm .

2).Install the ion grounding rod and connect lead wire Remove the seal tape of water absorbing hole and releasing hole (Must);Put the electrode into assy hole ;Connect the lead wire with anti-corrosion bolt and welded with exothermic welding;

If grounding grid is needed with multi grounding electrodes , 95mm² copper stranded wire or galvanized round wire or galvanized tape is recommended to connected with exothermic welding

3).Fix bentonite and water and fill Fix bentonite and water with the ratio 1:1 Fill the bentonite and about 50mm higher than electrode , and stir with stick to exhaust the air ;Check the connect the refill the soil ,no stone ,stick or plastic piece left.

4).Test the resistance : Test the resistance 3 days later after installation , and retest one month later and six month later to observe the change.