

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.