



ENGINEERED TO LAST



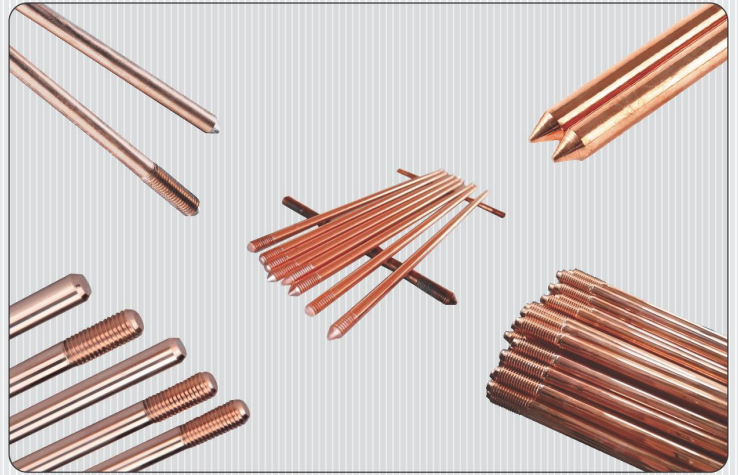
Manufacturers of Copper Earthing & Grounding Components

"Our in- house tooling department and skilled machinists provide us with the flexibility to customize products according to our customer's specifications and cater to requirements outside our standard product ranges."

### EARTHING & GROUNDING ROD

Copper earth rods provide superior conductivity & durability and therefore greater safety than copper coated or steel rods traditionally used in earthing and grounding systems. We manufacture copper rods with plain, taper and threading options as per customer requirements.

*Diameter* : 6mm-24mm  
*Length* : Up to 14 ft  
*Material* : Up to 14 ft  
*Taper* : Available  
*Threading* : Available



### BUSBARS



We manufacture highly conductive plain, punched and threaded busbars as per customer specifications for application in fields such as power distribution, power plants, data centres, telecommunication, automotive industries, railways etc..

*Thickness* : Up to 50mm  
*Width* : Up to 50mm  
*Length* : Up to 14 ft

### COPPER TAPE

We manufacture highly conductive copper tapes/strips making them suitable components for application in earthing, grounding, commutators, panel boards and electrical contacts.

*Width* : 3mm to 50mm  
*Thickness* : 2mm and above  
*Length* : 20m – 50m rolls

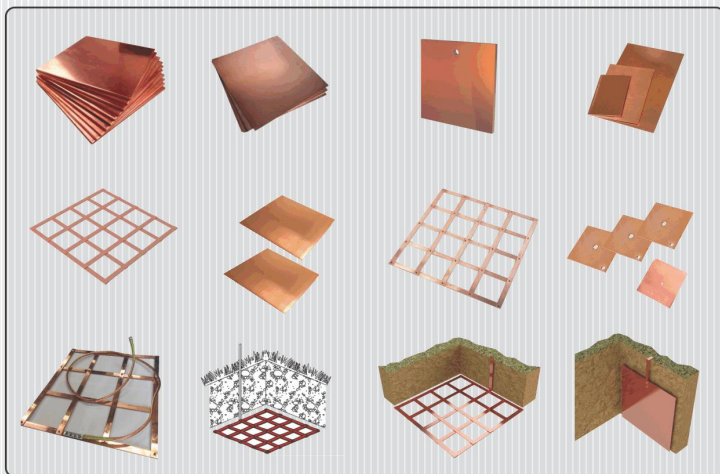
*Our standard ranges are*

3mm x 25mm x 50m  
3mm x 25mm x 25m  
6mm x 50mm x 50m



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### EARTH PLATES & MATS



We manufacture a range of plain and punched earthing plates from pure copper that are used as an alternative earthing solution to earth rods the plates are often installed in conjunction with low resistance earthing compound. We also manufacture copper earthing mats designed to minimize the danger of exposure to high voltages.

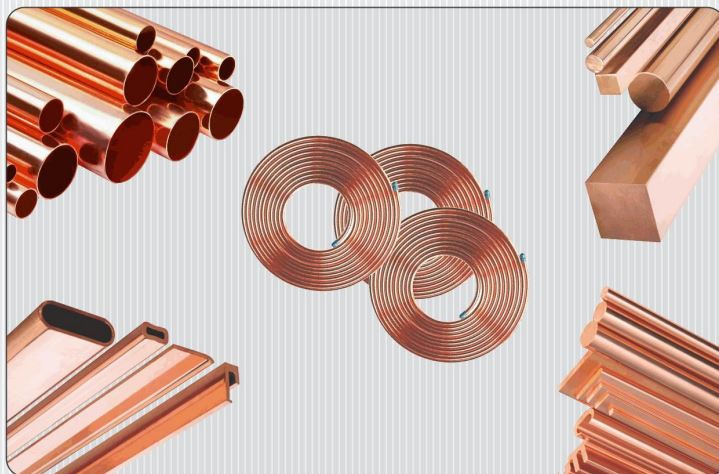
Copper earth plates can be installed in the ground to achieve an effective earthing in shallow soils with underlying rocks or in underground locations with multiple buried cable and pipe services – used also to provide protection at locations where high resistivity soil or ground rock conditions prohibit the driving of copper earth rods.

*Square, Rectangular*

*Thickness* : upto 50mm  
*Length* : 10mm and above  
*Width* : upto 600mm

### PROFILES

We manufacture copper profiles such as round, rectangular and square, pentagonal and hexagonal bars, C- Sections, hollow profiles etc... The crack - free high- finish profiles manufactured in accordance to defined international standards are highly conductive & long lasting durable products possessing strong anti-corrosion, anti-oxidation and non- reactive properties .



### AIR TERMINAL LIGHTNING ROD

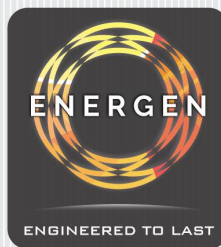


We manufacture lightning rods in many different forms including hollow, solid, pointed and rounded along with the lightning spikes and terminal base. Our lightning rods provide a low-resistance path to the ground that can be used to conduct the harmful enormous electrical currents away from the structure and safely to ground when lightning strikes occur. Non-conductors suffer massive heat damage when struck by lightning, hence our highly conductive rods effectively protect lives and property.

## ABOUT US

Energen Ltd. has a state of the art copper component manufacturing facility established on an area of over 10,000 sq. metres in Masesse, Jinja, the industrial heartland of Uganda. We are a company dedicated to cater to the earthing and grounding requirements of the east african community by providing highly conductive, durable and non – corrosive earthing solutions for electrical safety of lives and property.

**Quality and testing :** It is our commitment to provide quality which is not just a statement at energen but a deeply rooted work culture. We have adequate systems to measure performances and take corrective actions to continuously improve upon our customer's satisfaction. We endeavor to excel in our performance, refining, and implementing the effective quality strategies and tools along with continuous education of our workforce with skill training and skill upgrade while taking quality health and safety in consideration. We make use of high grade raw material and follow a stringent manufacturing process integrated with our quality program to ensure that only the finest product of the best quality makes its way to the market. we believe in complete dedication to quality with no compromise and aim for 100% satisfaction of our clients through timely delivery of quality goods at right prices.



**ENERGEN LTD.**

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