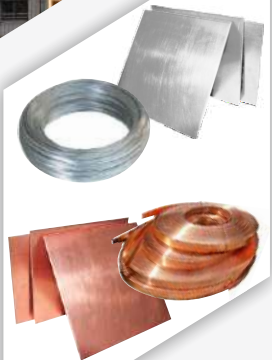
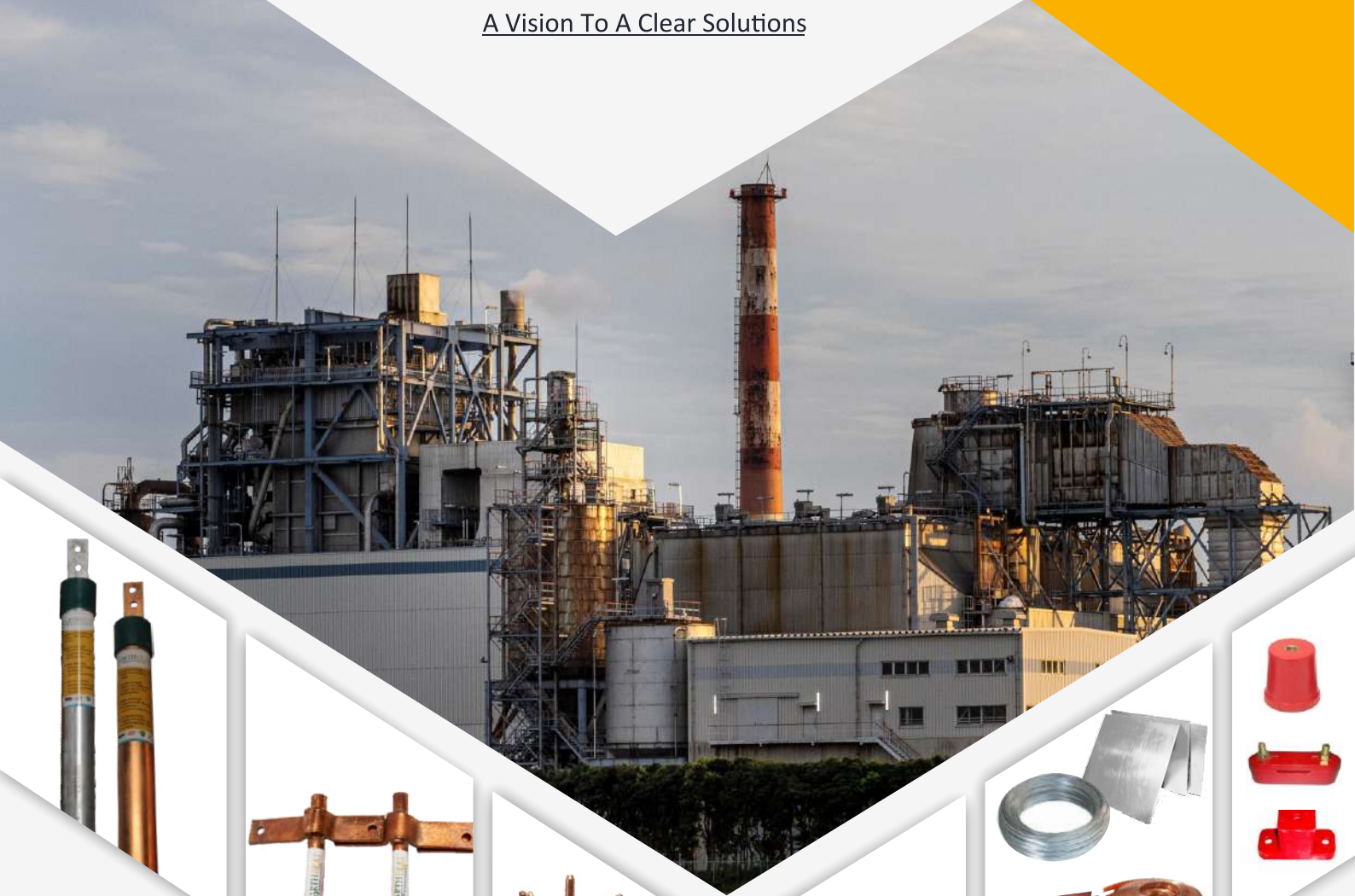




RK Engineering & Solutions

A Vision To A Clear Solutions



EARTHBEAT[®]
EARTHINGS

About us

R K Engineering and Solutions is a leading manufacturer specializing in advanced earthing and lightning protection systems. Under our brand **EARTHBEAT**, we offer a comprehensive range of high-quality, innovative solutions for electrical safety, including Maintenance-Free Earthing Systems, Conventional Earthing Systems, Conventional Copper Lightning Arresters, ESE Lightning Arresters, and Earthing Chambers.

Since our inception, we have focussed on providing reliable and cost-effective products to meet the growing demands of various industries, ensuring the safety and stability of electrical systems across a wide range of applications. Our commitment to excellence, backed by our **ISO 9001:2015** Certification, ensures that each product is engineered to the highest standards of quality, durability, and performance.

Maintenance-Free Earthing Systems (CPRI Certified): Our Maintenance-Free Earthing Systems are **CPRI Certified**, ensuring that they meet rigorous industry standards for safety, performance, and reliability. These systems are designed to provide long-lasting, low-resistance earthing solutions with minimal maintenance, ideal for use in harsh environments and ensuring superior protection against electrical faults.

- ✓ Project Material Supply
- ✓ On Site Installation
- ✓ Export
- ✓ Experience & Expertise
- ✓ Innovative Technology
- ✓ Customer-Centric Approach
- ✓ Commitment to Quality
- ✓ Sustainability



Copper Bonded Earthing Rod



EARTHBEAT, the premier brand of R K Engineering and Solutions, offers top-tier copper bonded rods designed to meet the highest standards of quality and performance. These rods are crafted using state-of-the-art manufacturing processes to ensure superior electrical conductivity and exceptional corrosion resistance.

Key Features

- ✓ High Conductivity
- ✓ Corrosion Resistance
- ✓ Durability
- ✓ Ease of Installation

Applications

- ✓ Industrial and Commercial
- ✓ Residential
- ✓ Telecommunication
- ✓ Infrastructure Projects

Types of EARTHBEAT Copper Bonded Rods

- ✓ Threaded Copper Bonded Rods
- ✓ Pointed Copper Bonded Rods
- ✓ Solid Copper Bonded Rods



Model	Road Dia	Length
EBCB141	14	1000
EBCB142	14	2000
EBCB143	14	3000
EBCB171	17.2	1000
EBCB172	17.2	2000
EBCB173	17.2	3000
EBCB203	20	3000
EBCB253	25	3000
EBCB323	32	3000
EBCB383	38	3000

Earth Enhancing Compound



GI\Copper Bonded Earthing Electrode

R K Engineering & Solutions is a renowned manufacturer of GI (Galvanized Iron) and Copper Bonded Earthing Electrodes, offering state-of-the-art grounding solutions under the brand "EARTHBEAT". Designed to meet the highest industry standards, our products ensure safety, reliability, and efficiency for diverse applications across industries.



Why Our Earthing Electrodes?

- ✓ Superior Durability
- ✓ High Performance
- ✓ Environmentally Friendly

Features

- ✓ Material
- ✓ Copper Layer Thickness
- ✓ Standards Compliance
- ✓ Customizable Options

Ensure the safety and efficiency of your electrical systems with GI and Copper Bonded Earthing Electrodes by R K Engineering & Solutions.



Pipe In Pipe Technology

Copper Bonded Electrode	GI Bonded Electrode	Outer Diameter	Length	Inner Pipe Dia
EBCBEPIP501	EBGEPIP501	48 mm	1000	26 mm
EBCBEPIP502	EBGEPIP502	48 mm	2000	26 mm
EBCBEPIP503	EBGEPIP503	48 mm	2000	26 mm
EBCBEPIP762	EBGEPIP762	76 mm	2000	48 mm
EBCBEPIP763	EBGEPIP763	76 mm	3000	48 mm

Pipe In Strip Technology

R K Engineering & Solutions is a global leader in providing copper bonded earthing rods. Our rods are designed and manufactured using state-of-the-art manufacturing process and are tested for their electrical conductivity and corrosion resistance.

Model	Outer Diameter	Length	Inner Strip Dia
EBGEPI501	48 mm	1000	25 x 6mm
EBGEPI502	48 mm	2000	25 x 6mm
EBGEPI503	48 mm	2000	25 x 6mm
EBGEPI802	76 mm	2000	40 x 6mm
EBGEPI803	76 mm	3000	40 x 6mm



Conventional Lightning Arrester

Reliable Protection Against Lightning Strikes – Safeguard Your Infrastructure.

Effective Lightning Dissipation: Diverts lightning currents safely to the ground, preventing damage.

Durable Construction: Made with high-quality materials for long-term performance.

Wide Application: Suitable for industrial, commercial, and residential buildings.

Easy Installation: Designed for seamless integration into existing systems.

Protect your structures and electrical systems with our Conventional Lightning Arrester – a dependable solution for enhanced safety.



ESE Lightning Arrester



Advanced Lightning Protection with Early Streamer Emission Technology.

Proactive Protection: Activates early to capture lightning strikes before they hit your structure.

Wide Coverage Area: Protects a larger zone compared to conventional lightning arresters.

High Durability: Built with corrosion-resistant, weatherproof materials for long-term reliability.

Eco-Friendly Design: Operates without the need for external power sources.

Compliant with Standards: Meets international lightning protection standards for safety and efficiency.

Choose the ESE Lightning Arrester for superior protection of industrial, commercial, and residential installations.

Protection Radius

LEVEL I : r=20m	H (M)	2	3	4	5	10
	S 60	31	47	63	79	79
	S 50	27	41	55	68	69
	S 40	23	35	46	58	59
	S 30	17	24	34	42	44

LEVEL II : r=30m	H (M)	2	3	4	5	10
	S 60	34	52	68	86	88
	S 50	30	45	60	76	77
	S 40	26	39	52	65	67
	S 30	19	29	39	49	51

LEVEL III : r=45m	H (M)	2	3	4	5	10
	S 60	39	58	78	97	99
	S 50	34	52	69	86	88
	S 40	30	45	60	75	77
	S 30	23	34	46	57	61

LEVEL IV : r=60m	H (M)	2	3	4	5	10
	S 60	43	64	85	107	109
	S 50	38	57	76	95	98
	S 40	33	50	67	84	87
	S 30	26	39	52	65	69

GI\Copper Plate, Wire & Strip & Funnel

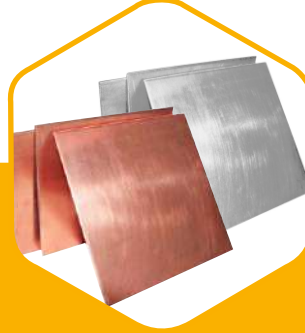
Premium Quality GI & Copper Strips, Plates and Wires – Designed for Superior Conductivity, Durability, and Reliable Performance in Earthing and Electrical Applications.



Funnel



GI\Copper Strip



GI\Copper Plate



GI\Copper Wire

Insulator

Engineered for reliability, our high-performance insulators ensure superior electrical safety. Designed for durability, they withstand extreme conditions for long-lasting efficiency.



Cap Type Insulator



Conical Type Insulator



T Type Insulator

Earthing Chamber

Durable and efficient earthing chambers for safe and reliable grounding solutions. Designed to withstand harsh conditions, ensuring long-term performance



HDPE Earthing Chamber



RCC Earthing Chamber



PVC Earthing Chamber



GI Perforated & Ladder Type Cable Trays

Robust and precision-engineered cable trays for efficient cable management. Ensuring durability, safety, and seamless installation in all environments.

Width

50mm to 1000mm

Height

15mm to 200mm

Thick

1.2mm to 3mm

Perforated Type



Ladder Type



Our Clients

WAAREE[®]
One with the Sun

TATA
TATA CONSULTING ENGINEERS LIMITED

LODHA
BUILDING A BETTER LIFE

adani
Renewables

ओएनजीसी
ONGC

GUJARAT STATE FERTILIZERS & CHEMICALS LTD.
Integrated Management System Certified Company

WATER SUPPLY DEPARTMENT

United We Stand Together
Classic
NETWORK PVT. LTD.

PATANJALI[®]

WELSPUN

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Grade Electricals Pvt. Ltd.

GMDT
Power solutions everywhere

SAMARTH
GROUP OF COMPANIES

TROPICAL SOLAR
ENERGY



RK Engineering & Solutions
A Vision To A Clear Solutions

EARTHBEAT®
EARTHINGS

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