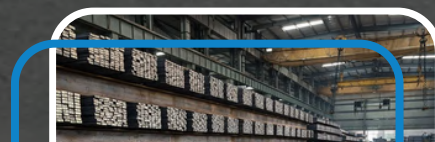
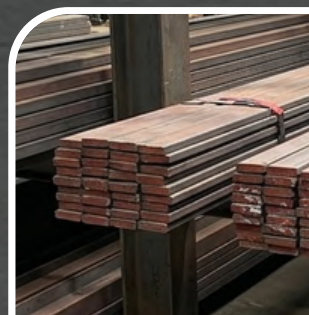


EARTHING MATERIALS

Manufacturing and supplying top-quality
steel structures & **Earthing materials**
with hot-dip galvanizing.



 +91-9740069110
 sales@shahpower.in



Delivering Exceptional Quality Since 2002

20+
YEARS OF
EXPERIENCE

Established in 2002, Shah Power Pvt. Ltd. (formerly Shah Infra Towers) has evolved into a trusted name in the power and infrastructure industry. With advanced manufacturing capabilities and proven expertise, the company delivers precision-engineered earthing materials designed for reliable and long-lasting performance.

Our manufacturing facility is certified under ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018, reflecting our commitment to quality, environmental responsibility, and workplace safety.

Since 2012, Shah Power has been manufacturing high-quality earthing materials for power transmission and distribution networks, substations, renewable energy projects, railway electrification systems, industrial facilities, telecom infrastructure, and intelligent building protection systems.

Our product range supports reliable grounding solutions across various voltage classes and critical infrastructure applications. With over 30,000 MT of earthing materials supplied by 2026 and an in-house galvanizing capacity of 600 MT per month, we ensure consistent quality, corrosion resistance, and dependable performance in demanding environments.

At Shah Power Pvt. Ltd., our core offerings span four key areas: manufacturing, EPC projects, specialized infrastructure solutions, and renewable energy systems. Backed by decades of industry experience, we remain committed to delivering quality, reliability, and engineering excellence across every project.

Products and services



Transmission
Line Towers



Substation
Structures



Telecom
Towers



Solar
Structures



Railway
Electrification



Hybrid
Wind Towers



Earthing
Materials



Galvanizing
Services



Turnkey EPC
Projects

MS FLAT

Our Mild Steel Flats are engineered specifically for high-reliability earthing applications across Extra High Voltage (EHV) Substations and Transmission Lines. Designed to withstand demanding electrical faults and environmental conditions, these strips ensure a safe path to ground for diverse infrastructure projects.



GI FLAT

Our Hot-Dip Galvanized (GI) Flats are the industry standard for long-term corrosion protection in grounding systems. By combining the structural strength of Mild Steel with a heavy-duty zinc coating, these strips are designed to endure aggressive soil conditions and outdoor exposure for decades.

Widely utilized in critical infrastructure, our GI strips provide a low-resistance path for fault currents, protecting both equipment and personnel.



Technical Specifications

Parameter	Mild Steel (MS) Flats	Hot-Dip Galvanized (GI) Flats
Material Grade	IS : 2062 (E-250) Grade	IS : 2062 (E-250) Grade
Surface Finish	Black / Self-Finish	Hot-Dip Galvanized
Compliance Standards	IS : 2062	IS : 2633, 2629, 4759
Corrosion Resistance	Standard	High (Zinc Coated)
Maximum Length	6 to 12 Meters	6 to 12 Meters

Available Sizes (Width x Thickness in mm)

Width (mm)	25	32	40	50	65	75	100
Thicknesses (mm)	3, 5, 6	5, 6	5, 6	5, 6, 8, 10	5, 6, 8, 10	6, 8, 10, 12	8, 10, 12, 16

Applications & Utility

EHV Substations & Transmission	: Reliable grounding for various voltage classes.
Renewable Energy	: Critical protection for Solar and Wind Energy projects.
Infrastructure	: Lift Irrigation Schemes (LIS) and Industrial Earthing.
Telecommunications & Railways	: Grounding for towers, traction substations, and signalling.
Building Safety	: Intelligent building lightning protection systems.

CI PIPES

Specially engineered Grey Cast Iron pipes designed for high-pressure water and sewage transmission within EHV Substations. These pipes are essential for maintaining soil moisture levels required for optimal earthing performance.

Fabrication Details:

Includes a two-part clamp fabricated from 50x6mm, 75x10mm, and 75x12mm GI flat. The clamp is continuously welded around the pipe using specialized cast-iron welding electrodes to ensure maximum electrical conductivity and structural durability.



GI PIPES WITH 50x6 FLATS

Our GI pipes are multi-purpose solutions widely used in Ship Building, Irrigation, and Power Transmission. We specialize in fabricating GI pipes required for Transmission Line Tower Earthing, ensuring long-term resistance to corrosion and environmental degradation.



Technical Specifications

Parameter	Cast Iron (CI) Pipe	GI Earthing Pipe
Primary Application	Substation Pressure Pipe / Sewage	Tower Earthing, Irrigation, Marine
Standard Diameter	100 mm (Internal Diameter)	40 mm (Nominal Bore)
Standard Length	2.75 Meters	3.0 Meters
Material Standards	Grey Cast Iron (Standard Norms)	IS: 1239 / IS: 1161 (Galvanized)
Special Features	Continuous Welded GI Flat Clamps	High Zinc Coating for Rust Prevention

Available Sizes (Width x Thickness in mm)

Product	Standard Dimensions	Typical Use Case
CI Pipe	100mm ID x 13mm Thk x 2.75M	Substation Earth Pit Water Feed
GI Pipe	40mm Dia x 3.0M	Transmission Line Tower Grounding

Applications & Utility

Feature	Cast Iron (CI) Pipes	Hot-Dip Galvanized (GI) Pipes
Primary Utility	EHV Substation Earthing	Tower Earthing & Infrastructure
Specific Use	Water/Sewage feed for Earth Pits	Transmission Line Tower Grounding
Infrastructure	Industrial waste & drainage systems	Irrigation & Tube well casings
Specialized	Fire protection & road culverts	Shipbuilding & Marine engineering
Structural	Underground pressure applications	Telecom towers & Security fencing
Key Advantage	High durability & pressure resistance	Superior rust prevention & versatility

MS ROUND RODS

Our Mild Steel (MS) Round Rods are precision-engineered for critical grounding applications. From standard earth spikes to custom structural rods, we provide high-grade mild steel solutions that offer excellent conductivity and structural durability for power and infrastructure projects.

25mm Earth Spike Rods:

Specifically fabricated as per engineering drawings, these spikes are the primary choice for localized grounding and temporary earthing setups.



40mm MS Round Rods:

High-diameter rods used for heavy-duty earthing systems and structural reinforcements in substation foundations.



Technical Specifications & Available Sizes

Parameter	25mm Earth Spike	40mm MS Round Rod
Diameter	25 mm	40 mm
Primary Use	Earth Spike / Ground Rod	Main Earthing / Structural
Material Grade	IS : 2062 (E-250 Quality A)	IS : 2062 (E-250 Quality A)
Customization	As per the customer's drawings and by utility type,	

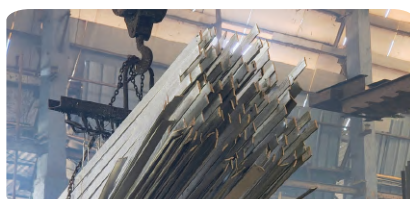
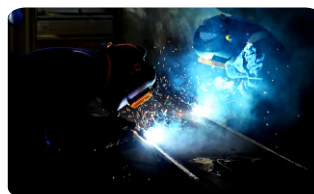
Applications

Feature	25mm Earth Spike Rods	40mm MS Round Rods
Earthing	Localized earth spikes for utilities	Heavy-duty substation grounding
Infrastructure	Distribution line grounding	Foundation reinforcement & supports
Construction	Temporary site earthing	Permanent industrial structures
Key Advantage	Compact & Easy to Install	High Current Carrying Capacity

State of the art manufacturing facility

At Shah Power Private Limited, we manufacture a comprehensive range of earthing materials designed to ensure dependable electrical grounding and long-term performance across power transmission, substations, industrial facilities, renewable energy projects, and infrastructure developments.

Our modern manufacturing facility is equipped with advanced fabrication, machining, welding, and finishing capabilities, enabling us to deliver high-quality earthing products that meet stringent industry requirements.



Building the Future Together.

APPROVED BY UTILITIES



SOME OF OUR PRESTIGIOUS CUSTOMERS



In addition to these materials, we can also supply other earthing materials based on customer requirements.



Marketing office:

#3, D.No.201, 2nd Floor, 9th Avenue
Business Park, 5th Main, Chamrajpet,
Bangalore - 560018

Call : +91-9740069110

E-mail : sales@shahpower.in / info@shahpower.in

Head office & Factory:

8 to 10, 33 to 42,
Karur Industrial Area,
P B Road, Davangere 577006