

# SHOORVIR



TMT 550D



Beyond Strength

“Mining to  
Finished Excellence”



# WHO ARE WE



## SHRI RAJEEV AGRAWAL CHAIRMAN, AARTI GROUP

**Shri Rajeev Agrawal, Chairman of Aarti Group**, is a visionary leader with 37 years of rich experience in the infrastructure sector. An industrialist, philanthropist, and social activist, he has consistently worked towards sustainable industrial growth while uplifting communities. Known for his progressive outlook, he has spearheaded initiatives that blend innovation with social responsibility. His unwavering commitment to excellence has established Aarti Group as a trusted name across industries, including iron and steel. Deeply connected to society, he believes in creating value for all stakeholders while building a brighter future for generations to come.

## CHAIRMAN'S SPEECH

“At **Aarti Group**, we strive to redefine standards of quality, innovation, and sustainability in every endeavor. With **Shoorvir TMT**, we aim to provide unmatched strength and reliability for building a progressive India. Our vision goes beyond business—we are committed to empowering society, supporting infrastructure growth, and ensuring long-lasting relationships with our stakeholders. Together, let us forge a path toward a stronger, resilient future. I thank you all for your trust and support as we embark on this journey of excellence and growth.”



# ABOUT THE GROUP COMPANY

Established in 1991 and based in Raipur, Chhattisgarh, the **Aarti Group of Companies** is a diversified conglomerate with interests spanning real estate, mining, food and beverages, and steel production

**Aarti Group** remains committed to shaping a sustainable future through innovation and excellence in every sector it serves.



MORE THAN 3 DECADES OF EXPERIENCE



INTEGRATED FACILITIES



TECHNOLOGY AND SUSTAINABILITY



CAPTIVE MINE



HOT CHARGING PROCESSES



SOLAR POWERED

## AARTI INFRASTRUCTURE & BUILDCON LTD.

- Real Estate Projects: Residential and Commercial Developments
- Government Projects:
- Building Construction
- Road Infrastructure

## AARTI FOOD & BEVERAGES

- Manufacturing and Distribution of Food and Beverage Products

## AARTI SPONGE & POWER LTD.

- Green Power Generation
- Sponge Iron Production
- High-Grade Billet Manufacturing
- Wire Rod Production
- TMT Bars



# AARTI SPONGE AND POWER LIMITED

## FROM MINING TO FINISHED EXCELLENCE

Established on 14th May 2004, Aarti Sponge and Power Limited, a flagship company of the esteemed Aarti Group, stands as a symbol of precision, innovation, and excellence in the iron and steel industry. With over three decades of expertise and a robust integrated setup, Aarti has carved its name as a key player, consistently delivering superior quality products from mining to the finished stage.

Located in the heart of India's steel hub, at the Siltara Industrial Area, Raipur, the company seamlessly blends cutting-edge technology with sustainable practices to manufacture sponge iron, MS billets, and wire rods. Our commitment to quality is reflected in every process, using **Block machine technology (Tungsten Carbide)** to ensure shine, unmatched lustre and reliability in finished product (TMT & Wire Rod).

## WHY CHOOSE AARTI SPONGE AND POWER LIMITED?

- Owned Captive mines
- Integrated facilities ensuring control over every production stage.
- Over three decades of expertise delivering excellence in the iron and steel industry.

Proven track record in supporting the building and realty sector with customized and reliable steel solutions.

**Aarti Sponge and Power Limited is not just a manufacturer; we are the driving force behind innovative solutions, shaping a stronger, sustainable future in the steel industry.**

***Your Trusted Partner in Iron and Steel.***

## PRODUCTS

**SPONGE IRON  
WIRE ROD**

**POWER  
HB**

**BILLET  
TMT**

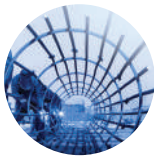


# FEATURES AND ADVANTAGES



## Thermex Technology

Shoorvir TMT Bars are manufactured through Thermex Technology which is a new advanced and modern technology for manufacturing TMT Bars.



## High Tensile Strength

Shoorvir TMT bars offer excellent strength and durability, ensuring robust structural integrity for any construction, using Block machine technology.



## Superior Ductility

The bars provide enhanced flexibility, making them capable of withstanding seismic activities and load variations.



## Corrosion Resistance

Manufactured with advanced technology, Shoorvir TMT bars resist rust and corrosion, ensuring long-term performance even in humid and coastal environments.



## Earthquake Resistance

Designed to handle high stress and shocks, they are ideal for earthquake-prone zones.



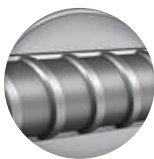
## Thermal Stability

These bars maintain their properties under high-temperature conditions, providing safety during fire hazards.



## Bendability

Shoorvir TMT bars exhibit excellent bendability without breaking, allowing ease of use in complex construction designs.



## Consistent Quality

Adherence to industry standards ensures uniformity in every bar, offering unmatched reliability. Consistency is ensured through captive mines to finished product.



## Cost-Effectiveness

Long-lasting and efficient, Shoorvir TMT bars reduce maintenance and reconstruction costs over time.

# SPECIFICATIONS

## PHYSICAL PROPERTIES OF SHOORVIR TMT

Nominal Size	ISI Standards Nominal Weight (In Kg/mtr)	Tolerance Limit as per ISI (In Kg/mtr)	SHOORVIR TMT Average weight (In Kg/mtr)	No. of Piece Bundle (Length 12mtr)
8mm	0.395	0.367-0.423	0.370-0.400	15
10mm	0.617	0.574-0.660	0.580-0.650	10
12mm	0.888	0.844-0.932	0.850-0.900	7
16mm	1.580	1.500-1.659	1.550-1.650	4
20mm	2.470	2.395-2.544	2.400-2.540	3
25mm	3.850	3.730-3.965	3.750-3.950	1
32mm	6.310	6.121-6.499	6.150-6.450	1

## CHEMICAL COMPOSITION OF SHOORVIR TMT

Element	As per ISI Standards		SHOORVIR TMT	
	550	550D	550	550D
% Carbon Max	0.300	0.250	0.250	0.250
% Sulphur Max	0.055	0.040	0.050	0.040
% Phosphorus Max	0.050	0.040	0.050	0.040
% Sulphur + Phosphorus Max	0.100	0.075	0.095	0.075

# MANUFACTURING PROCESS



**TMT REBARS**



**WIRE ROD  
HB**

Company Registration No.  
U27102CT2004PLC16615



## AARTI SPONGE & POWER LTD

• Sponge • M.S. Billet • Power • Wire Rod • TMT Rod • HB Wire

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