



SBF
RAPiD >>>®
SBF RAPID TMT 5300 CRS TMT
Strong.Build.Forever...



**BUILT FOR
RAPID PROGRESS.
BUILT ON
PROVEN STRENGTH.**

SBF RAPID: 100% Chemical and Physical
tested GREEN STEEL TMT Bar.

मज़बूत निर्माण सदा के लिए...

550D CRS

SBF RAPID TMT



WHEN STRENGTH IS PROVEN, PROGRESS FOLLOWS.

Progress is never accidental. It is built – one foundation, one beam and one breakthrough at a time. With 100% physical and chemical testing, SBF Rapid TMT Bars deliver the proven strength that empowers builders, engineers and institutions to create with certainty.

From ambitious infrastructure projects to thriving commercial developments and homes built for generations, SBF Rapid is reinforcing the future with advanced manufacturing, sustainable Green Steel practices and uncompromising quality. Because when progress needs to be rapid, assurance is what you need.

IS: 1786



CM/L 8600105815



45001 : 2018
9001 : 2015
14001 : 2015



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The SBF Group

Shaping better futures

SBF Group's journey began as a family-led enterprise built on entrepreneurial vision, close involvement and a strong commitment to quality. Over the years, that foundation has evolved into a professionally managed, and future-ready industrial group with expanding capabilities across steel manufacturing and renewable energy.

A constant through this evolution has been the long-term approach that comes from being owner-driven: the willingness to invest ahead of demand, build capabilities step by step and create businesses for the next generation. From forging and MS ingot manufacturing to integrated steelmaking and the launch of SBF Rapid TMT, each phase of growth has strengthened the Group's scale, systems and manufacturing sophistication.

Today, SBF Group combines the agility and conviction of its family-run roots with the processes, technology and professional management of a modern corporate enterprise - continuing to invest in capacity, quality and responsible growth while shaping stronger possibilities for the future.

SBF Rapid

Building capacity for India's next phase of growth

SBF Rapid marks the Group's strategic expansion into TMT steel, driven by the growing demand for quality reinforcement across India's construction and infrastructure sectors.

With India's steel demand continuing to rise, and the Government of India targeting 300 MTPA steel capacity by 2035, SBF sees significant opportunity in strengthening its presence in the rebar segment. The Group plans to scale SBF Rapid's production capacity to 1.2 MTPA by 2030, supported by partnerships across India and an expanding manufacturing footprint.

At the heart of this growth is SBF's commitment to quality. Backed by experienced quality-control systems and rigorous testing, SBF Rapid aims to ensure that every rebar not only meets BIS requirements, but consistently exceeds customer expectations.

1.2 MTPA by 2030

Scaling quality steel for a growing India.

A JOURNEY OF EXCELLENCE, ONE MILESTONE AT A TIME

1991

THE JOURNEY BEGINS

SBF Group commences operations in Bhiwadi, Rajasthan.

2005

EXPANDING INTO STEELMAKING

Sri Balaji Furnaces Pvt. Ltd. is established.

2008

BUILDING GREATER CAPACITY

Additional furnace capacity is commissioned as Sri Balaji Forgings as the Group continues to expand its steelmaking operations.

2012

SCALING MS INGOT MANUFACTURING

A further furnace line is added to Sri Balaji Forgings, significantly expanding the Group's MS ingot manufacturing capability in Rajasthan.

2017

THE FOUNDATION FOR SBF ISPAT

The foundation stone for SBF Ispat Pvt. Ltd., the largest steel plant in Rajasthan is laid at Karoli, Rajasthan.

2020

A MAJOR MANUFACTURING EXPANSION (AN ULTRA MODERN INTEGRATED GREEN STEEL PLANT)

Two 20 MT furnaces commence operations, marking another significant increase in steelmaking capacity.

2021

SBF RAPID TMT IS BORN

The first SBF Rapid TMT Bars roll out, marking the Group's entry into integrated TMT manufacturing.

2023

BUILDING THE NEXT PHASE

The foundation is laid for the next phase of SBF Rapid's industrial expansion. SBF Rapid Industries (P) Ltd. Unit II

2026

THE NEXT LEAP IN INTEGRATE MANUFACTURING

Operations begin at the new integrated mills significantly expanding SBF Rapid's manufacturing capability. (2) X 30 MT with HV and Block Mill

OUR VISION & MISSION

Vision

To provide quality steel products and services by following best-in-class practices and creating shared value for customers, partners, and stakeholders

Mission

To achieve 1.2 MTPA rebar capacity and 500 MW power capacity by FY30, delivering quality products and building SBF as a trusted brand in the construction industry

SBF RAPID TMT

550D CRS

OUR PURPOSE & VALUES

Purpose

To build a trusted Indian corporate house contributing to nation building, guided by performance-driven mindset, delivering stakeholder value through quality, excellence, profitable growth, global standards, and sustainable business practices.

Values



Customer centricity: We deeply understand our customers by anticipating their needs, preferences, and expectations, enabling us to create meaningful experiences and build long-term, trusted relationships.



Result Orientation: We remain focused on delivering outcomes that create sustainable and measurable value for all our stakeholders.



Empathy: We respect and understand the perspectives of all stakeholders, fostering a culture of trust, collaboration, learning, and empowerment across the organization.



Integrity: We conduct our business with fairness, honesty, transparency, and the highest ethical standards, ensuring that everything we do withstands public and regulatory scrutiny.



Sustainability: We build resilient teams, responsible processes, and sustainable products that contribute to a safe, strong, and sustainable nation for present and future generations.

The background of the entire page is a close-up, high-contrast photograph of a steel reinforcement bar (TMT). The bar has a ribbed texture and is set against a dark, geometric background with red and black diagonal stripes. The text 'SBF RAPID TMT' is embossed on the bar's surface.

SBF RAPID TMT

550D CRS

THE RAW MATERIAL STORY

Engineered With Traceability. Built On Trust.

At SBF Rapid, quality is not just achieved — it is engineered at every stage of production.

As per Clause 1.6 of IS 1786:2008, the use of re-rolled materials such with unknown or undocumented metallurgical history is not permitted. This clause underscores the importance of raw material traceability to ensure the chemical and mechanical integrity of TMT bars.

SBF Rapid stands at the forefront of this requirement.

We have implemented a comprehensive, large-scale scrap management system aligned with IS 2549:2023 — making us one of the very few steel producers in North India to achieve full traceability in scrap-based production.

Every consignment of scrap at SBF Rapid undergoes a rigorous verification process. The source, grade, and background of the material are meticulously recorded, ensuring complete transparency and traceability. Incoming scrap is thoroughly inspected and chemically analysed, after which it is scientifically segregated into designated bins

based on verified composition.

This structured approach enables precise charge-mix design during melting, ensuring complete control over the chemistry of molten steel.

For the production of Fe 500D, Fe 550D, and Fe 550D CRS grades, we follow a strictly documented Standard Operating Procedure in line with IS 2549:2023. Only scrap with known and verified chemistry is used, ensuring that the metallurgical history of every batch is clearly established — never unknown.

Through continuous monitoring and stringent process control, we consistently meet and exceed the chemical and mechanical requirements specified under IS 1786:2008.

The result: Superior quality TMT bars with assured consistency, reliability, and compliance.

SBF Rapid is proud to be among the ONLY manufacturer in North India to fully comply with IS 2549 standards while delivering world-class TMT steel through a robust and transparent scrap management system.

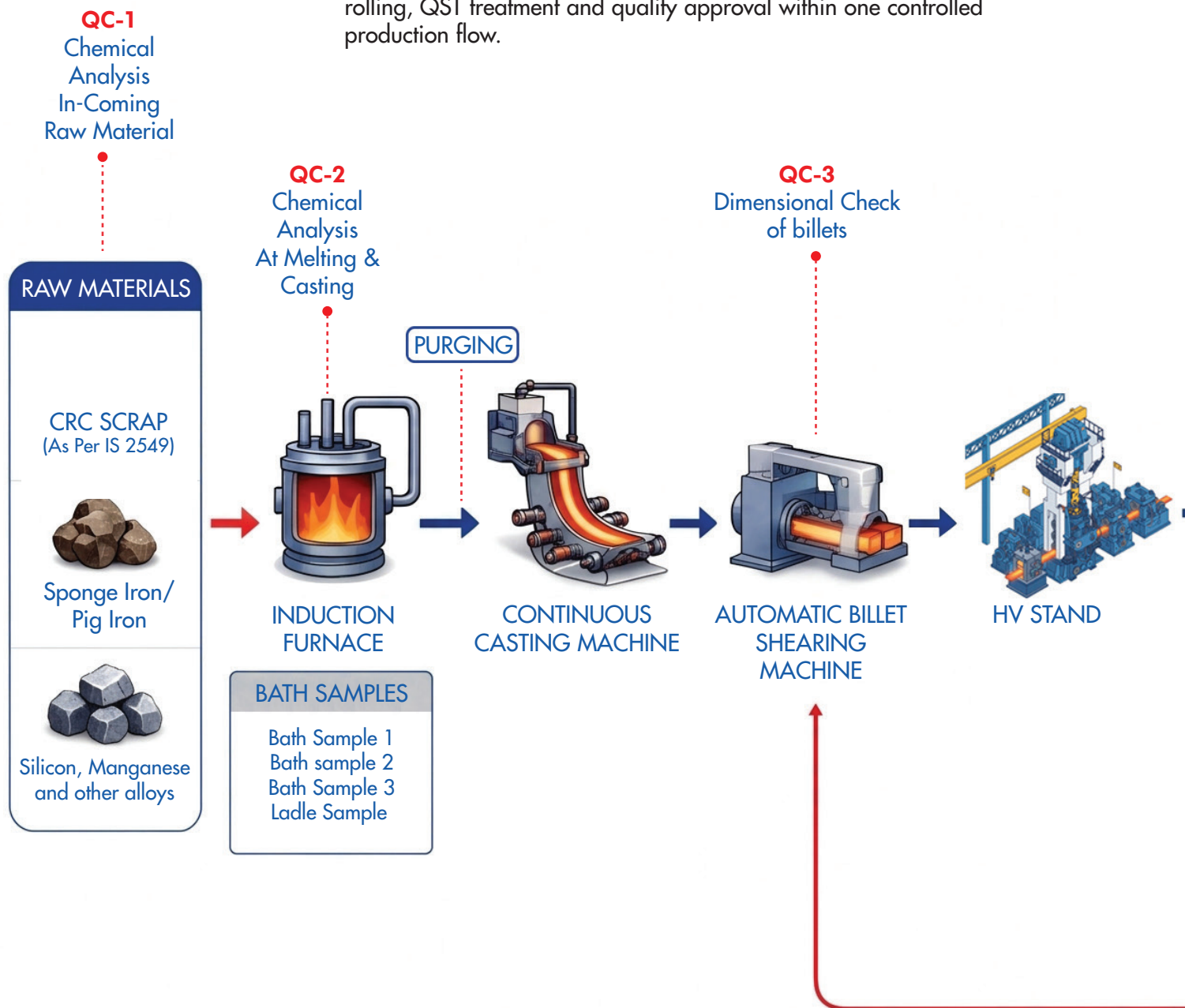
SBF Rapid: Where Science, Systems, and Steel Come Together.



MATERIAL FLOW OF AN INTEGRATED STEEL PLANT

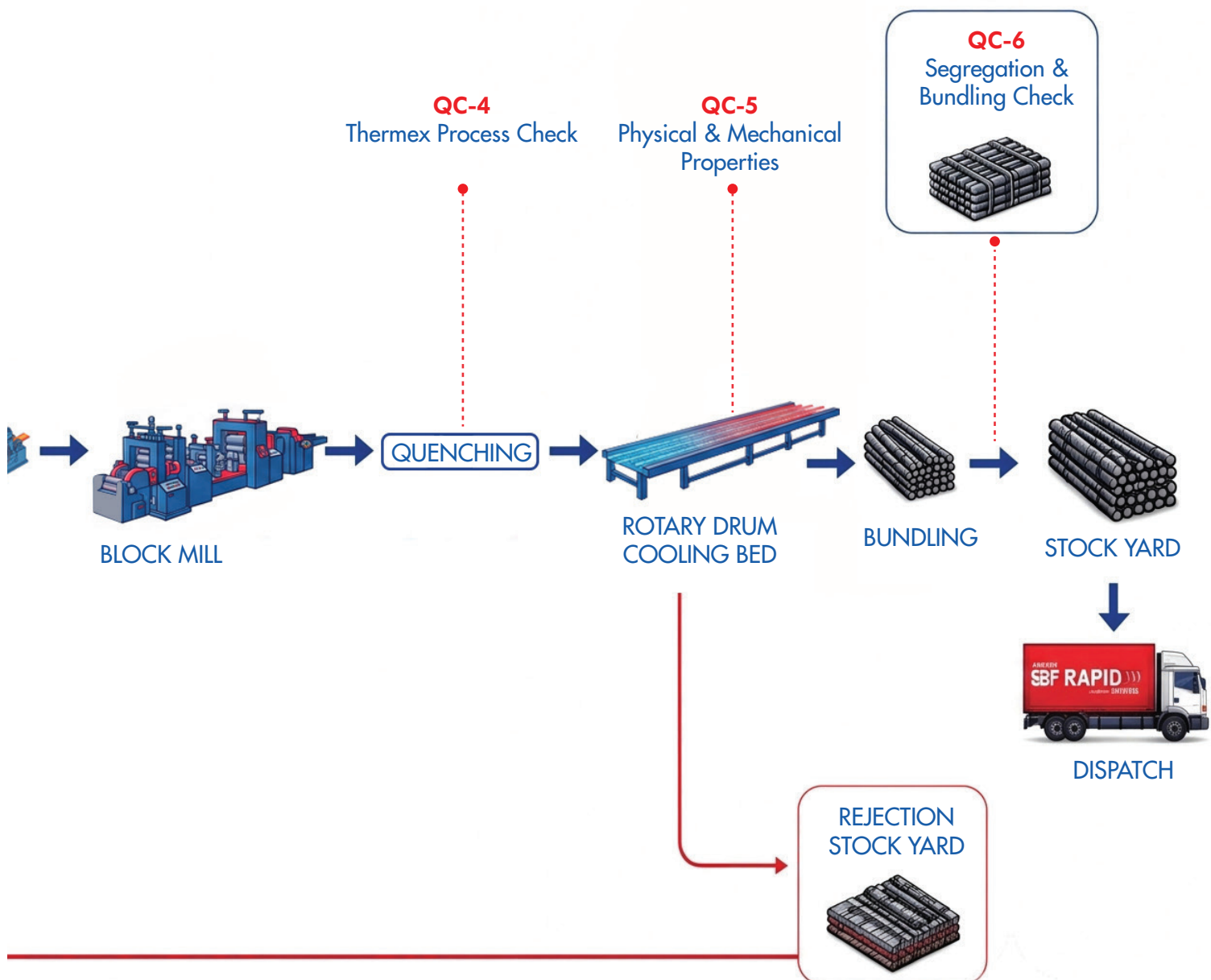
Every stage. Every process. Under control.

From raw material input to final dispatch, SBF Rapid's integrated manufacturing process connects steelmaking, testing, casting, rolling, QST treatment and quality approval within one controlled production flow.



SBF RAPID TMT







PRODUCT RANGE: SIZES AND GRADES

Made for a wide range of construction requirements

SBF Rapid TMT Bars are manufactured to deliver consistent quality across grades, dimensions and tolerances, providing dependable reinforcement for applications ranging from residential and commercial construction to large-scale infrastructure and critical projects.

Manufactured in accordance with IS 1786, the range combines strength, ductility, dimensional consistency and reliable performance across demanding construction environments.

Grades

Fe 500 | Fe 500D | Fe 550 | Fe 550D | CRS

Sizes

8 mm | 10 mm | 12 mm | 16 mm | 20 mm | 25 mm |
28 mm | 32 mm | 36 mm

Consistency across the range

- Uniform grades
- Controlled dimensions
- Tight tolerances
- Consistent weight per metre
- Reliable mechanical properties
- Quality-controlled production

One range. Multiple requirements. Consistent SBF Rapid quality.

PHYSICAL & CHEMICAL PROPERTIES

Controlled chemistry. Consistent performance.

SBF Rapid TMT Bars are manufactured with closely controlled chemical composition and mechanical properties to deliver the required balance of strength, ductility, elongation, workability and weldability.

The carbon content is maintained within close tolerances to support high ductility and workability, while the overall Carbon Equivalent (CE) is carefully controlled to achieve an optimum combination of hardness, strength, elongation and weldability.

Chemical Property	IS 1786 Fe 500D / Fe 550D Max.*	SBF Rapid 500D**	SBF Rapid 550D**
Carbon (C)	0.25%	0.22%	0.21%
Sulphur (S)	0.04%	0.04%	0.03%
Phosphorus (P)	0.04%	0.03%	0.03%
Sulphur + Phosphorus (S+P)	0.075%	0.07%	0.06%

** Average values across heats

Physical Property	Fe 500D Min.	Fe 550D Min.	SBF Rapid 500D**	SBF Rapid 550D**
Yield Stress (YS)	500 N/mm ²	550 N/mm ²	540 N/mm ²	570 N/mm ²
Ultimate Tensile Strength (UTS)	565 N/mm ²	600 N/mm ²	640 N/mm ²	671 N/mm ²
Elongation	16%	14.5%	18%	16%
UTS / YS Ratio	>1.10	>1.08	>1.15	>1.15

** Average values across heats



SBF Rapid TMT is unbeatable rebar

- » SBF Rapid TMT bars C% is controlled within close tolerances to ensure high ductility & workability of steel
- » The overall carbon equivalent (CE) is also tightly controlled to deliver an optimal combination of hardness, strength, elongation and weldability.
- » Unique & computationally validated quenching process
- » Relatively unaffected by process variations
- » Reliable & optimized microstructure in cross section
- » Excellent mechanical properties



550D CRS

GREEN STEEL CREDENTIALS

Engineering a greener future

SBF Rapid is GreenPro Certified and committed to producing greener, more sustainable steel for a responsible future. By adopting resource-efficient processes and environmentally conscious practices, we are helping accelerate the transition towards low-carbon steel production.

Our GreenPro certification reflects our commitment to sustainability, energy efficiency and responsible manufacturing, while delivering steel that meets the evolving needs of a greener economy.



What Green Steel means at SBF Rapid

Eco-friendly construction

GreenPro certification reflects the commitment to producing TMT Bars with reduced environmental impact.

Environment friendly

Manufactured using cleaner energy practices, with a focus on reducing the environmental footprint of production.

Supports green building initiatives

Suitable for projects and builders looking to adopt more sustainable construction practices, including green building and LEED-oriented initiatives.

Superior strength & durability

Strict quality checks help ensure strength, durability and long-term performance for demanding construction applications.

Energy-efficient production

Sustainable manufacturing methods help reduce energy consumption and support a lower-carbon production approach.

Maximising utilisation

High strength and flexibility can support efficient steel usage in high-rise construction, helping optimise structural design and maximise Floor Area Ratio (FAR) efficiency.

THE POWER BEHIND GREENER STEEL

Renewable energy. Responsible
manufacturing. A stronger future.



SBF Rapid is building a strong and sustainable energy ecosystem to power its growing steel manufacturing operations. With a strategic focus on captive and renewable power, SBF Rapid is working towards a 500 MW power capacity by FY30.

This integrated power strategy will provide greater energy security and reduce dependence on conventional grid power. By integrating clean energy with modern steelmaking technology, SBF Rapid is committed to producing stronger steel with a lower environmental footprint.

Our approach combines resource efficiency,

recycling and responsible energy management across the steel value chain. This journey reflects our commitment to the principles of circularity, sustainability and responsible manufacturing.

For SBF Rapid, green steel is not just about the product—it is about transforming the way steel is produced.

QUALITY LAB & TESTING

Quality backed by rigorous testing

At SBF Rapid, quality assurance is built into the manufacturing process through dedicated in-house metallurgical, chemical and physical testing facilities.

Incoming raw materials, billets and finished TMT Bars are inspected and tested through documented procedures designed to ensure consistency in chemical composition, dimensions, mechanical properties and overall product quality.

In-house testing capabilities

Universal Testing Machine

Used to evaluate the mechanical properties of TMT Bars, including tensile strength and yield performance.

Spectrometer

Supports chemical analysis and verification of material composition during steelmaking and finished-product testing.

Microscope

Used for metallurgical examination and assessment of the steel microstructure.

Physical Testing Facilities

Support dimensional checks, weight-per-metre verification, visual inspection, and bend and rebend testing.

Quality controlled from input to output

SBF Rapid follows documented procedures for the inspection and testing of both incoming raw materials and finished products, ensuring that quality is monitored throughout the manufacturing journey rather than checked only at the final stage.

The SBF Rapid laboratory

The plant is equipped with Universal Testing Machines, Electronic Extensometers, Optical Emission Spectrometers, bend and re-bend testing arrangements, and controlled-temperature testing equipment to support comprehensive chemical, physical and metallurgical evaluation.



Quality checks at critical stages of production

QC 01: Chemical Analysis of Incoming Raw Material

Every incoming batch of raw material is subjected to chemical analysis before it enters the production process. Key elements are checked against specified parameters to ensure consistency and suitability for steelmaking.

QC 02: Chemical Analysis at Melting & Casting

Chemical composition is closely monitored throughout the melting and casting stages through multiple bath, ladle and billet samples. Each stage helps verify and fine-tune the chemistry of the steel before solidification to ensure consistency.

QC 03: Dimensional Check of Billets

Billets are inspected for critical dimensional parameters including length, width and diagonals before they proceed to rolling.

Uniform billet geometry supports stable rolling and consistent finished-bar quality.

QC 04: Thermex Process Check

During Thermex quenching, key process parameters such as temperature and water pressure are continuously monitored. Maintaining the required operating conditions is critical to developing the desired surface and core properties of the TMT bar.

QC 05: Physical & Mechanical Properties

Finished TMT bars undergo comprehensive testing for visual quality, weight per metre and critical mechanical properties. Tensile, bend and rebend tests help verify strength, elongation and ductility against the specified requirements.

QC 06: Segregation & Bundling Check

Before dispatch, finished bars are segregated to identify and remove material with physical defects. Bundles are also checked for uniform weight and systematically stored. This ensures correct identification, orderly handling and consistent quality up to dispatch.



Certified quality. Performance beyond standards.

BIS LICENCE

[illegible]

ISO CERTIFICATION



CERTIFICATE

This is to certify that

SBE INFOTECH PVT LIMITED

PLT NO: S-100117-16 C-14-14-16, GANESH JUNCTION INDUSTRIAL AREA, KAROLLA,
 KUNDAMBAHUR, TRIPUNITHUR, DISTRICT - ALAPPA, KERALA STATE - INDIA.

Has been awarded by IAF, and has been granted the status of certified of the
 management system standards as listed below:

ISO 14001:2015

Environmental Management System

For the following activities:
 Manufacturing of IT Hardware and ITSP Tools

(S.No: 125)

Certificate Number:	EAS/MS/100117-16	
Customer:	ISIRI/MS/100117-16	
Date of Registration:	2016/03/22	Validity till: 2018/03/22
Issued/Valid till:	2016/03/22	Expiry of certificate (days):
Renewable till (any future date):	2016/03/22	

The above mentioned activities are subject to the periodic surveillance by IAF. The
 certificate is valid only if the certificate holder complies with the requirements of the
 standards and the applicable regulatory requirements.









RECTO SOLUTIONS PRIVATE LIMITED

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 Email: info@rectosolutions.com, certification@rectosolutions.com
 Web: www.rectosolutions.com

THE CERTIFICATE HOLDER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE CERTIFICATE AND SHALL BE RESPONSIBLE FOR THE
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CERTIFICATE

This is to certify that

SBE INFEST PVT LIMITED

PLOT NO. R-80/ST-1 & 80/ST-2, GARDEN, JINDAL INDUSTRIAL AREA, KAROLI,
KHUSHINBER, DIST. ATWAL, KASHMIR - 190106, INDIA

Has been awarded by ISO and awarded for the successful of the
management system standards details below:

ISO 9001:2015

Quality Management System

For the following activities:
Manufacturing of hot rollers and DRI Run

(S/N: 1001-101)

Cert No. 1001-101 Date of Registration 2024/08/01 Supervision of Field Control 2024/08/01 Supervision of HR Control 2024/08/01	Certificate Number 10010000000000000000 Scope Manufacturing of hot rollers and DRI Run Issuing of Certification Cycle 3	ISO 9001 PERIOD 3
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RECTO SOLUTIONS PRIVATE LIMITED

PLOT NO. R-80/ST-1 & 80/ST-2, GARDEN, JINDAL INDUSTRIAL AREA, KAROLI,
KHUSHINBER, DIST. ATWAL, KASHMIR - 190106, INDIA

FOR THE FOLLOWING ACTIVITIES:
MANUFACTURING OF HOT ROLLERS AND DRI RUN

(S/N: 1001-101)

GREEN PRO CERTIFICATION

[illegible]

Form-4
(Prescribed under rule-6)
Government of Rajasthan




REGISTRATION & LICENCE TO WORK A FACTORY

Registration No. : RJ-033636
 Application No. : RJ-033636/0024

Fees Rs. : 110000/- per year

Licence is hereby granted to M/s SSP SPART PRIVATE LIMITED under the provisions described below as an factory, employing 100 more than 100 persons on any day during the year and doing business for extending 20000 CWT subject to the provisions of the Factories Act 1946 and the rules made there under.

This licence shall remain in force till the 31st day of March 2027

Date: 15/01/2024


 Director


 Chief Inspector of Factories and District Industries Officer

Description of the licensed premises

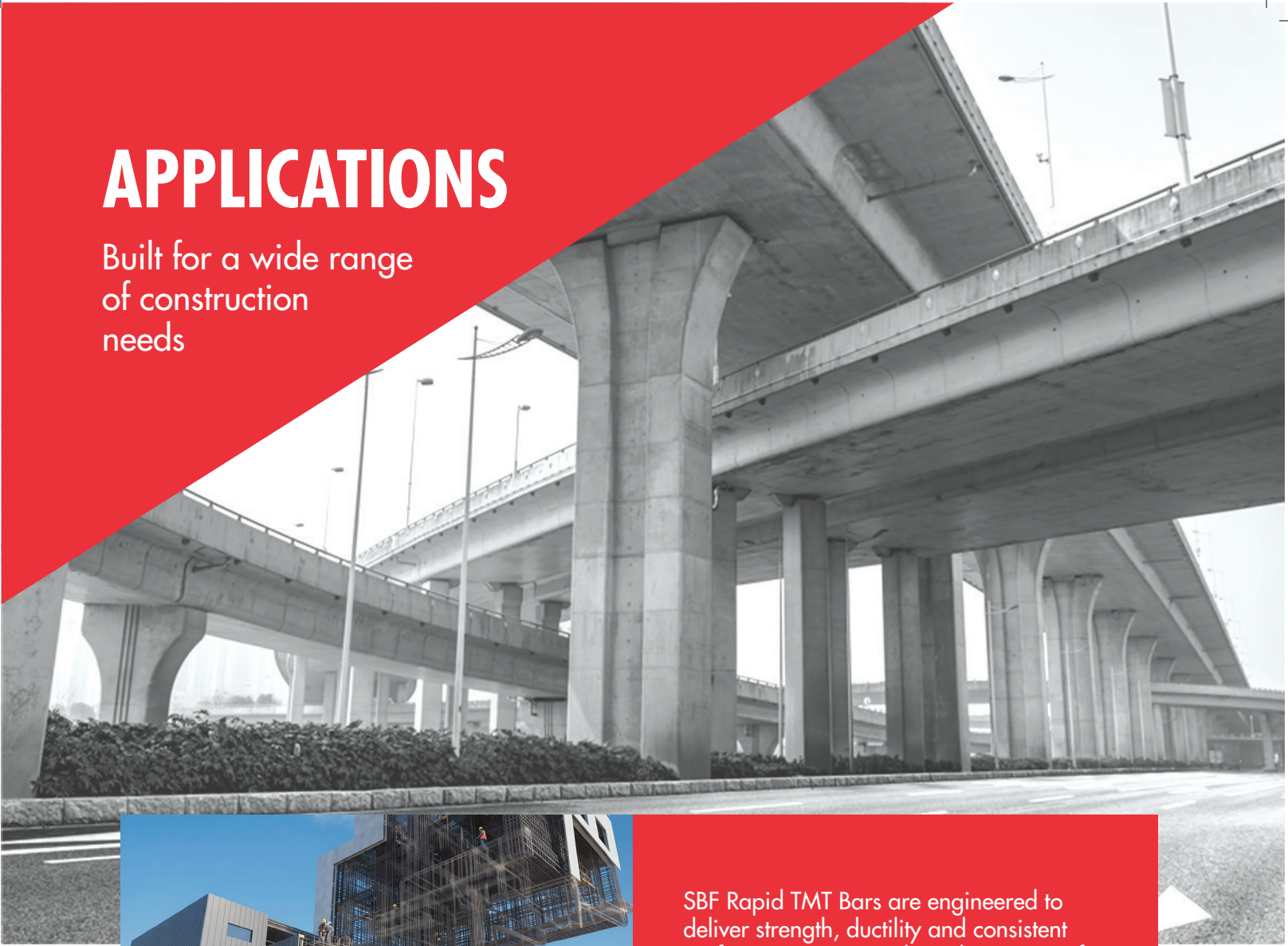
M/S SSP SPART PRIVATE LIMITED
 The licensed premises shown in Plan No. M-603363/0024, dated 07/03/2023 and situated at PLOT NO F08 117 0343-151, GENERAL ZONE INDUSTRIAL AREA KALKAJI, KULDHRA DISTRICT, ALWAR, ALWAR and the contents of B.E. & T&E BDR.

Date of Renewal	Date of Entry	Signature of Licensing Authority
19/01/2024	31/03/2027	 Director Chief Inspector of Factories and District Industries Officer

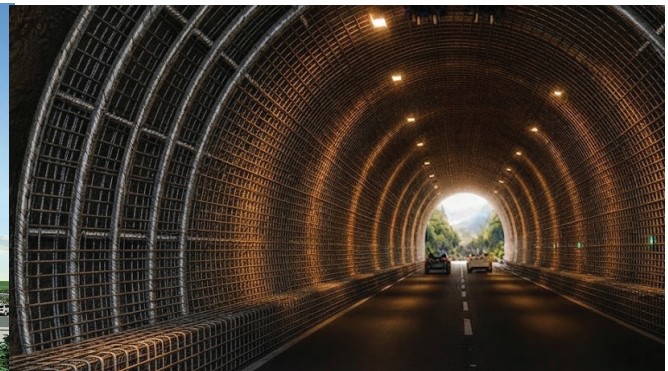
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APPLICATIONS

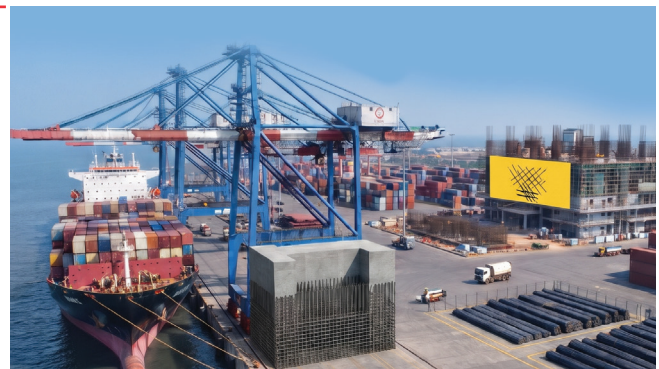
Built for a wide range
of construction
needs



SBF Rapid TMT Bars are engineered to deliver strength, ductility and consistent performance across a broad spectrum of construction and infrastructure applications.



Residential developments
Commercial buildings
High-rise structures | Bridges
Flyovers | Airports | Railways
Metro projects | Ports
Industrial infrastructure
Public infrastructure projects





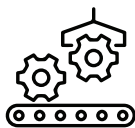
WHY SBF RAPID?

Assurance. Engineered into every bar.

For large-scale construction, consistency matters as much as strength. Variations in chemistry, dimensions, mechanical properties or supply can affect fabrication, site productivity and structural performance.

At SBF Rapid, assurance begins long before the finished TMT Bar reaches the site. From controlled raw materials and integrated manufacturing to advanced rolling, cooling and laboratory validation, every stage is engineered to deliver consistent quality, predictable performance and dependable supply.

What gives SBF Rapid its edge



Integrated Manufacturing

From steelmaking and billet production to rolling and finished TMT Bars, critical processes are controlled within one integrated manufacturing ecosystem.

The advantage: Greater process control, traceability and consistency from batch to batch.



Advanced casting technology

A modern CONCAST Continuous Casting Machine operates at an advanced casting speed of 3.4 m/min, combining higher productivity with controlled billet quality and metallurgical consistency.

The advantage: Consistent input quality for reliable downstream TMT performance and scalable supply.



Precision rolling

Horizontal-Vertical Stand Configuration and Block Mill technology enable uniform deformation, precise shaping and tighter dimensional control.

The advantage: More consistent bar dimensions and weight, supporting greater predictability in procurement, fabrication and project execution.



Engineered strength and ductility

Thermex quenching and self-tempering technology creates the required balance of strength, ductility and flexibility.

The advantage: Reinforcement designed for demanding structural applications and dependable long-term performance.



Controlled cooling



A 90+ metre cooling bed and 8-barrel rotary arm system enable controlled, uniform cooling and a consistent microstructure.

The advantage: Reliable mechanical properties, improved straightness and repeatable quality across production runs.



Precision finishing

Tungsten Carbide finishing rolls provide high dimensional accuracy and consistent surface finish.

The advantage: Greater product uniformity from one production cycle to the next.



Rigorous quality assurance

Physical and chemical testing, supported by laboratory validation and defined quality checkpoints, helps ensure that only approved material moves to dispatch.

The advantage: Greater confidence in compliance, consistency and delivered quality.



Sustaining Tomorrow's Infrastructure, Today.

SBF Rapid Green Steel reduces manufacturing carbon footprints without compromising structural integrity. Engineered for extreme durability and seismic resistance, it is the responsible choice for sustainable excellence.

SBF Rapid by numbers

100% Every bar physically & chemically tested

6 Quality checkpoints before dispatch

90+ m Controlled cooling bed

8 Barrel rotary arm system

3.4 m / min Advanced CCM casting speed

6,00,000 TPA Combined manufacturing capacity

CSR & COMMUNITY INITIATIVES

Building stronger communities

At SBF, responsibility extends beyond the steel we manufacture. Through initiatives in healthcare, education, wellbeing and community engagement, we aim to contribute meaningfully to the people and communities around us.

Supporting community healthcare

SBF Ispat has supported local healthcare infrastructure through the contribution of medical equipment and facilities to the community health centre in Tapukara. The initiative included support for improved diagnostic and treatment capabilities, helping strengthen access to healthcare for the surrounding community.

Giving back through blood donation

SBF Ispat regularly encourages employees and associates to participate in voluntary blood donation initiatives. A blood donation camp organised at the company brought together members of the SBF community to contribute towards an important public-health need.

Creating opportunities to learn

In April 2025, SBF Ispat hosted Grade 12 students from FR Agnel School, New Delhi, for an educational visit to the plant. Students toured the manufacturing facilities, interacted with the SBF team and gained practical exposure to steelmaking, TMT reinforcement, ductility, earthquake resistance and GreenPro concepts.

Promoting health & well-being

SBF also encourages a culture of well-being within the organisation. Initiatives such as the observance of International Yoga Day bring employees together around physical and mental wellness, reinforcing the importance of healthier workplaces and communities.

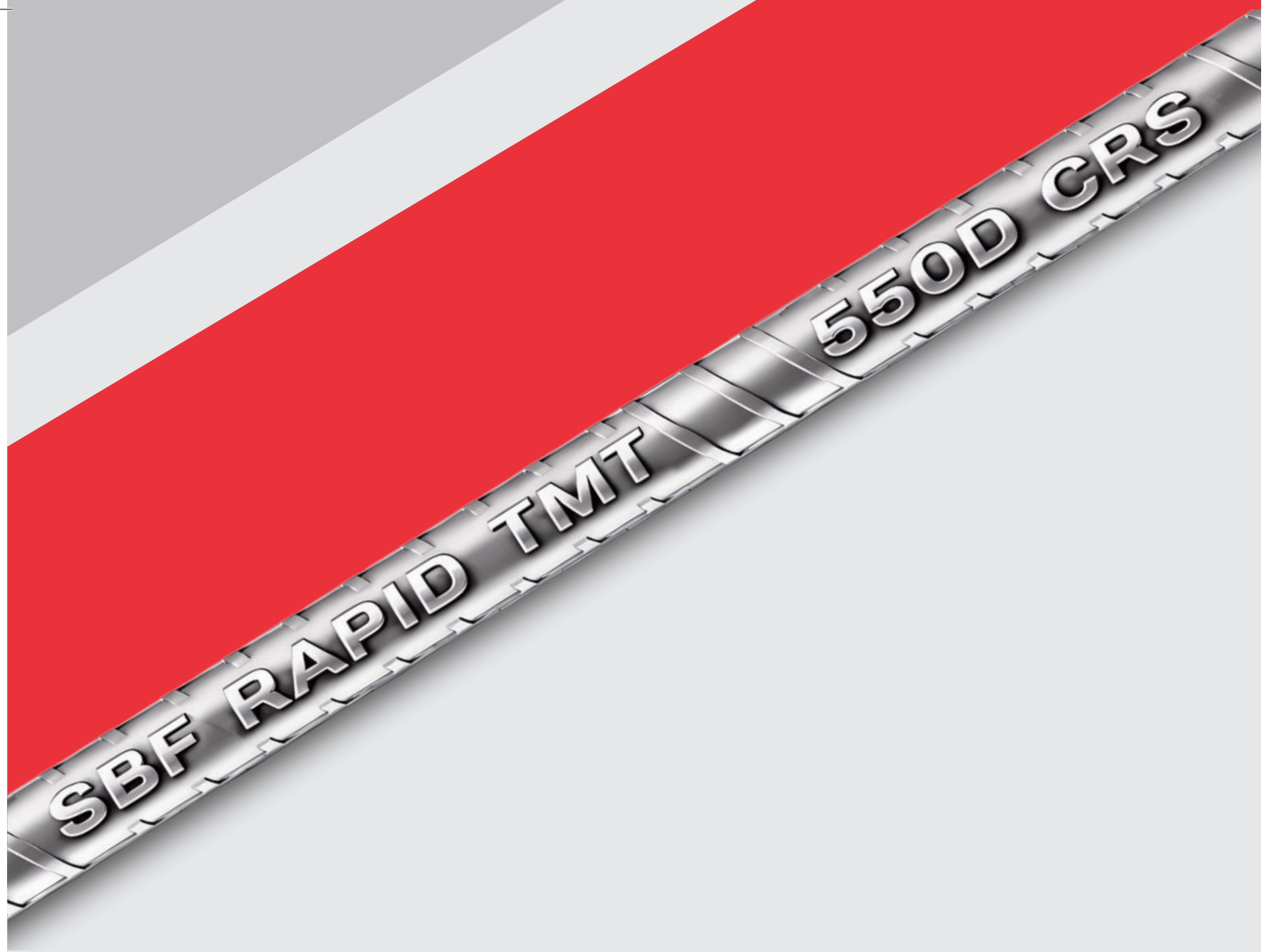


OUR GROWING CLIENTELE

Trusted by organisations that build at scale

SBF Rapid has earned the confidence of leading organisations across infrastructure, real estate, industrial development and construction. These relationships reflect a shared expectation of consistent quality, dependable performance and reliable supply.





SBF Ispat Private Limited
SBF Rapid Industries Private Limited
An ISO 9001:2015 | ISO 14001:2015 ISO 45001:2018 Company

Plant I:
Plot No. G143, 151 & F 109-117
General Zone Industrial Area, Karoli Bhiwadi,
Alwar, Rajasthan – 301707

Plant II:
Plot no. SP4-317, RIICO INDUSTRIAL AREA,
Karoli, Alwar,
Rajasthan, 301707

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