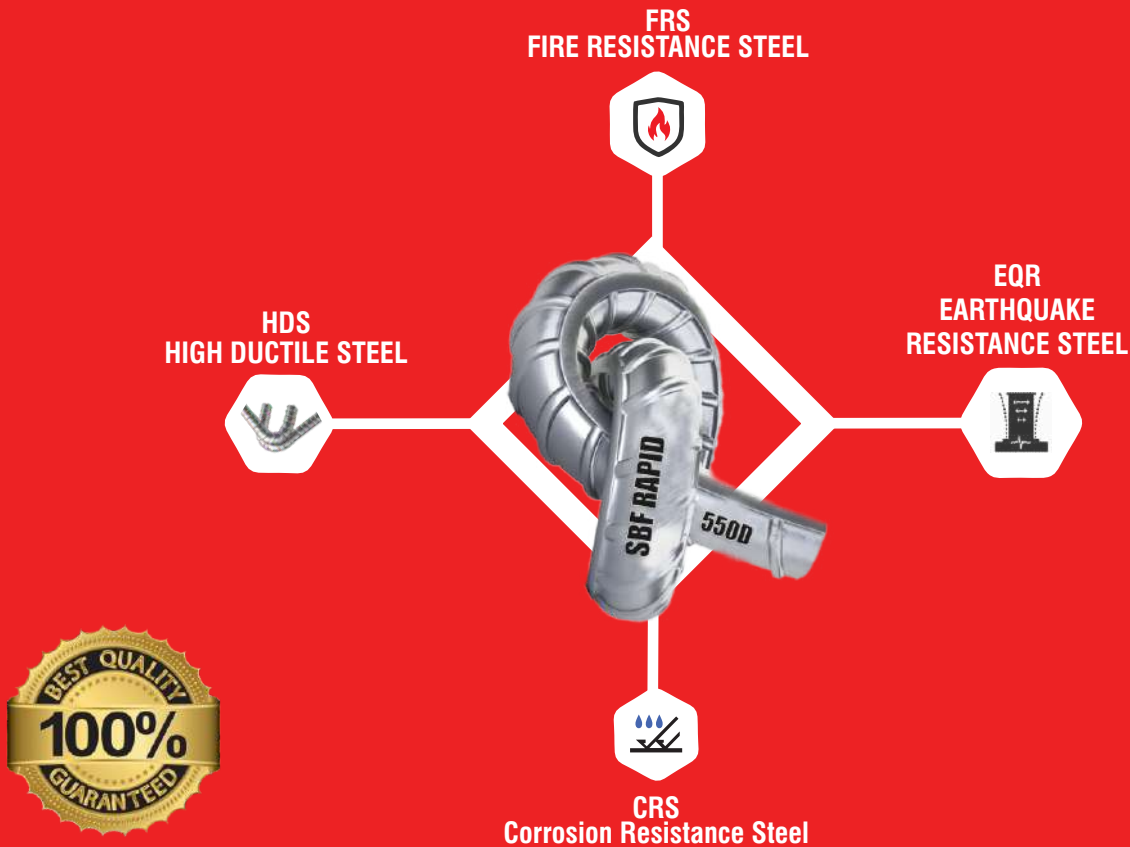


SBF
RAPiD >>>>
मजबूत निर्माण सदा के लिए^{TMT}

SBF RAPID 550D QST BARS

INDIA'S NO.1

4 IN 1 QST BARS



मजबूत निर्माण सदा के लिए

SBF ISPAT PRIVATE LIMITED

Plot No. G 143 - 151 & F 109 - 117, General Zone Industrial Area,
Karoli, Bhiwadi, Alwar, Rajasthan, 301707

☎ +91-7014288818 | ✉ customercare@sbrapid.com | 🌐 www.sbrapid.com

SIPL/ SCPL/ 2022/ 2023

Date

Kind Attn :- Manager (Vendor Development)

Subject :- Enlistment of our name SBF RAPID TMT Brand as your approved vendor for Supply 500D and 550D TMT Bars for your ongoing & upcoming Projects.

Dear Sir,

SBF Group today is one of the leading name in the Indian steel industry. The SBF RAPID 550 D TMT a BRAND as created by our SBF Group of companies has a niche for itself in the market by producing the highest quality products . The Innovation & Commitment to quality makes the Group stands out amongst Billets & TMT Bars manufacturers. Over the years , SBF Group has fostered the use of cutting edge technology and international standards, making it the preferred supplier of SBF RAPID TMT, MS Steel Billets in India.

The group's ingenious approach & rise in demand for steel products in the region has contributed to its expansion in a very short time . SBF Group is having manufacturing Steel capacity of 3,00,000 metric tonnes per annum . The Group manufacturers a wide range of Billets & long steel products i.e. SBF RAPID 550D Reinforcement TMT Bars , & as per Bureau of Indian Standards (ISI) IS 2830-2012 , IS 1786-2019 , IS 1608 , IS 6892 , IS 2770 , IS 1599 , ISO 6935-2 & International standards.

SBF is one of the leading manufacturer having the " THERMEX GERMANY " World No.1 Quenching & Self Tempering QST Technology Bars in the country.(An integrated steel plant at Bhiwadi (Rajasthan) facilitates a production of a TMT bars of Grade Fe500D, 550D & Fe-600 of sizes, ranging from 8mm to 40 mm Dia.) SBF RAPID TMT Bars offer the advantages, having Corrosion Resistance, Fire Resistance, Bendability and Bonding with Ductile Properties.

SBF ISPAT PRIVATE LIMITED

📞 Mobile No +91-7014288818

✉ customercare@sabfrapid.com

🌐 www.sbfrapid.com

🏠 Plot no. G143- 151 & F 109 - 117, General Zone Industrial Area, karoli, Bhiwadi, Alwar, Rajasthan, 301707

Contd...2

SBF RAPID TMT BARS are have a greater advantage in saline environment. We are approved by modal agencies such as Bureau of Indian Standards (BIS).

SBF RAPID TMT BARS we have the unique vital characteristics that separate them from the rest of the competitors. Quality that speaks of the purity Ore to Core of steel which provides Advanced Outer Armour Shield which gives higher yield strength that speaks of an ability to withstand forces, endurance, & "THERMEX GERMANY QST Technology" that ensures longevity to SBF RAPID TMT Bars. CNC technology gives SBF RAPID TMT Bars perfectly uniform ribbed pattern for strong bonding with RCC. That's the reason why, when you trust in SBF GROUP Products, you can be sure have invested in steel for life.

Be it is a residence or a commercial complex, a township or a city's flyover, steel remains the backbone of every construction. The quality of steel can make all the difference between a construction that last & one that cannot stand the test of time. That's exactly make our Steel stands apart from the rest. An ISO 9001: 2000&: ISO 14001 certified company; SBF the Group is firmly committed to the highest standards of quality with accurate precision.

We conclude with a hope of being of service to your esteemed organization & would be honoured to have us enlisting as one of your registered supplier vendor of high quality steel. We shall be glad & ready to furnish further details and clarification by person also. Assuring you of our best cooperation and look forward to healthy and fruitful association with you.

Thanking you & awaiting for your favourable response.

With warm regards

Sincerely yours

For SBF ISPAT (P) LIMITED



Vineet Gupta

Director

SBF ISPAT PRIVATE LIMITED

 Mobile No +91-7014288818

 customercare@sabfrapid.com

 www.sbfrapid.com

 Plot no. G143- 151 & F 109 - 117, General Zone Industrial Area, karoli, Bhiwadi, Alwar, Rajasthan, 301707

INDIA'S NO.1

(4 IN 1 QST BARS)

- ◆ **Annexure About us, Mission & Vision**
- ◆ **Annexure List of Our Prestigious Clients**
- ◆ **Annexure Plant Images**
- ◆ **Annexure Process Material Flow of integrated Steel Plant**
- ◆ **Annexure Certificates, Technology & Licences**
- ◆ **Annexure Test Certificates / Inspection Reports**
- ◆ **Annexure Purchase Orders**
- ◆ **Annexure Performa Invoices**
- ◆ **Annexure Microstructure Analysis**

Annexure..
About us, Mission & Vision

About us

Sbf Group has been started in 1991, is now more than a three decade old steel based experienced group having manufacturing facilities of MS Ingots/MS billets in Bhiwadi (Rajasthan). SBF Group is one the leading names in the Indian Steel Industry that has carved a niche for itself in the market by producing the highest quality products. The group is now one of the largest manufacturer in Delhi (NCR), Haryana & Rajasthan region, having combined capacity of 3 Lakh MT Per Annum.

SBF Group has always promoted the use of state-of-the-art technology & International standards making it the preferred supplier of TMT/ Billets/Ingots in the country. SBF Group's simplistic approach & increased demand for products in these segments have contributed to its expansion in a very short span of time and has entered in forward integration by installing an Ultra Modern, Fully Automatic well equipped Straight Rolling mill Integrated green field plant of 2.40 Lakh Tonne Per Annum., with commitment to reduce the carbon emission in the country and launched our 'SBF RAPID 550D' QST Reinforcement TMT bars.

At SBF Ispat Pvt Ltd, we produce a wide range of TMT from 8mm to 40 mm in Fe-550-D/ Fe 500-D/Fe-600 grades. Our TMT is produced as per Bureau of Indian Standards ISI 1786, IS 1608, IS 6892, IS 2770, IS 1599, IS 2830 and ISO 6935-2. . SBF RAPID 550 D TMT bars have all the qualities like corrosion resistance, high strength, high resistance to resistance, high bending ability etc.

The group is promoted by a team of experts and experienced veterans with proven track records. The group is moving on its ethical business practices and complete transparency to provide there product and services with utmost customer satisfaction. We believe in building long-term relationship based on mutual trust and admiration with everyone be it our customers employees, dealers or distributors suppliers. We strengthen our motto of trust and safety with our product "SBF Rapid 550 D" QST TMT and let the country be
"Strong Build Forever..."

MISSION & VISION:

- **To provide consistently high quality products that exceed customers expectations, accomplish profitable and sustainable growth with commitment towards social and environmental values.**
- **To become one of the leading Quality TMT manufacturing company in India with latest technologies at an affordable prices.**
- **To practice highest standard of corporate culture and contribute towards India's economic growth.**
- **To internalize pursuit of quality in to frame work of the organization.**

Annexure..

List of Our Prestigious Clients

Our Prestigious Clients

A collection of 20 client logos arranged in a grid of hexagons. The logos include:

- vatika** - creating lasting value
- SHARDA UNIVERSITY** - Beyond Boundaries
- INDIA TUBE INVESTMENTS OF INDIA LIMITED**
- supertech** - Yours for Life
- T&T** - RIGHT ON VALLES
- ATS** - The Smarter way home.
- SOBHA**
- LANDMARK DEVELOPERS**
- SIGNATURE GLOBAL** - BEYOND IDEAS AFFORDABLE
- J. Kumar** - Since 1980
- Gentle Realtors**
- MGF** - EMAAR
- M&M** - Our Expertise. Your Joy.
- SUNCITY PROJECTS** - creating spaces that live
- ICRA**
- aipl** - values that build worth
- IKiO** - POWER QUALITY . LED LIGHTING
- Action Medical Institute** - Sri Balaji

Annexure.. Plant Images

PLANT IMAGES





SBF RAPiD

THERMEX

550D





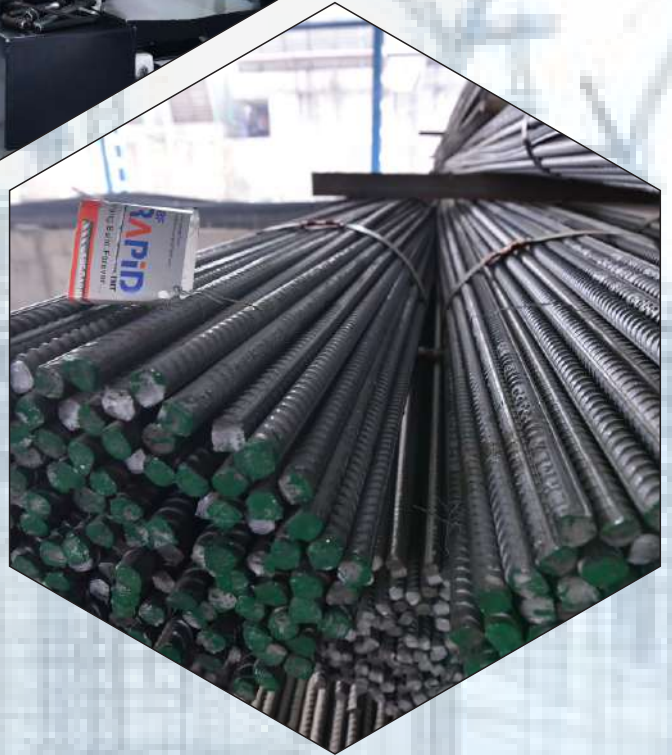
SBF RAPiD

THERMEX

550D







SBF RAPiD

THERMEX

550D



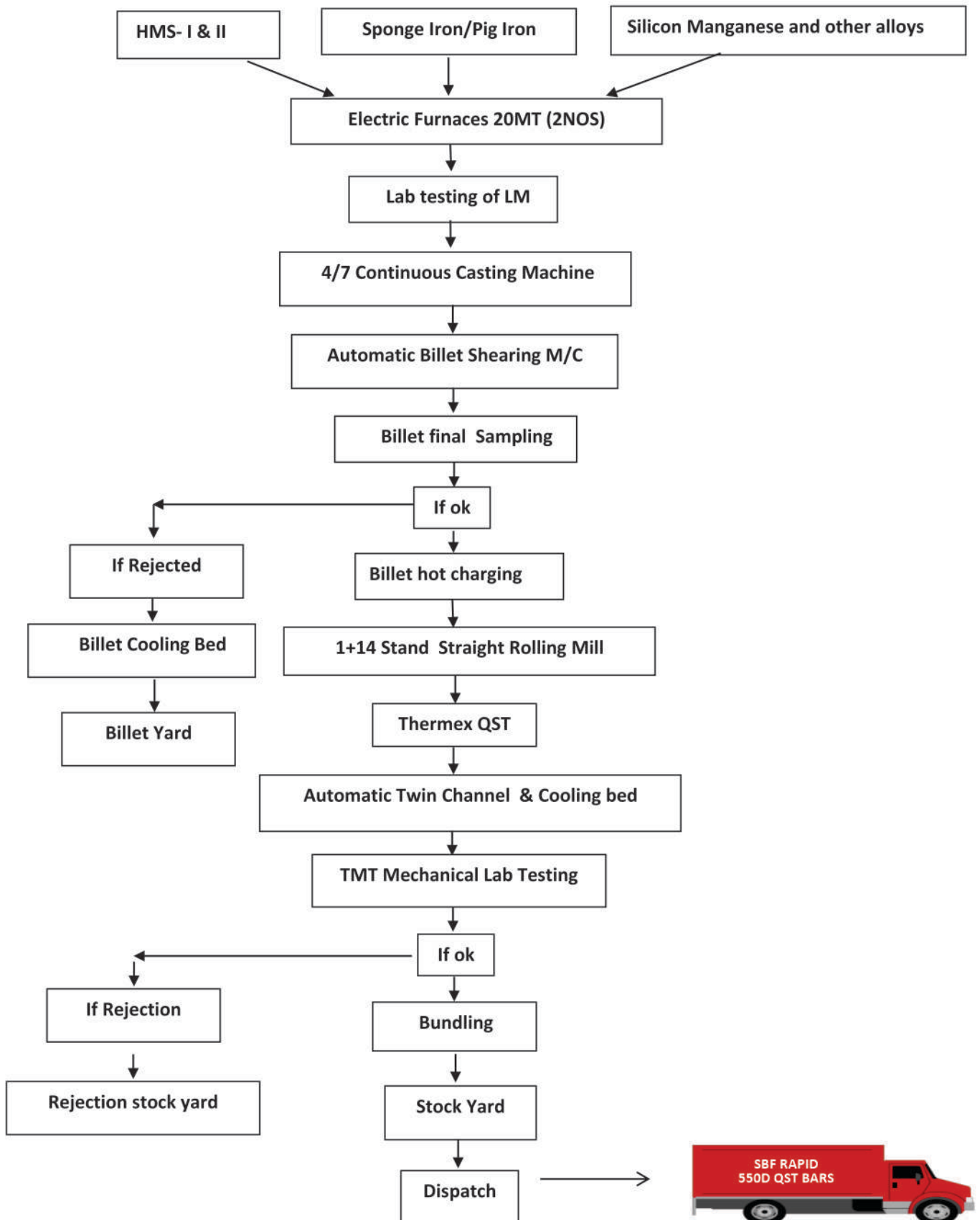
Annexure..

Material flow of Integrated Steel Plant

Annexure

Material flow of Integrated Steel Plant

Material Flow of Integrated Steel Plant



Manufacturing Process

SBF RAPID 550D QST BARS



Raw Material: Testing & Segregation

- Composition Testing Segregation and stocking into separate bins based on quality.
- Rejecting material not meeting quality standards.

Furnace: Conversion of Raw Material to Molten Metal

- Melting raw material in furnace according to composition.
- Composition testing of batches every 30 minutes to ensure consistent quality standards.
- Ferro Alloys added to maintain the desired quality and composition of the molten metal.
- Molten metal from this process sent for casting.



Casting: Molten Metal to Billet

- Molten metal temperature and composition checked before casting.
- Billets of required length produced, sent to rolling mill to create TMT bars.

Rolling Mill: Billet to TMT Bars

- Quality checks on billets: Weight check with online weighing system | Temperature checks with online pyrometer | Billet composition checks.
- If billet passes quality standards, rolling process starts.
- Rolled TMT bars pass through Quenching and Tempering Process (Thermex Technology).
- Quality checks every 15 minutes on mechanical properties of the rolled material.
- Checked for Weight, Yield Strength, Ultimate Tensile Strength (UTS), Bending Test, Elongation Percentage, Surface Finish.



Cutting, Packing, Storage:

- Cooled TMT bars cut to desired length by cold shearing.
- **SBF RAPID** standard length 12 meters per bar, Customized length available for large orders.
- TMT bars packed in bundles according to size.
- Storage of bundles in covered finished goods yard according to grade, size, length, lot number.

Manufacturing Process



Sponge Iron & HMS I & II



Induction Furnace



Testing of liquid metal by spectro metre



Addition of Ferror Alloys & other elements



Thermax technology from Germany



Fully automatic straight line rolling mill



Charging of Billets



Billet Casting



Automatic Cooling Bed



TMT testing by UTM Machine

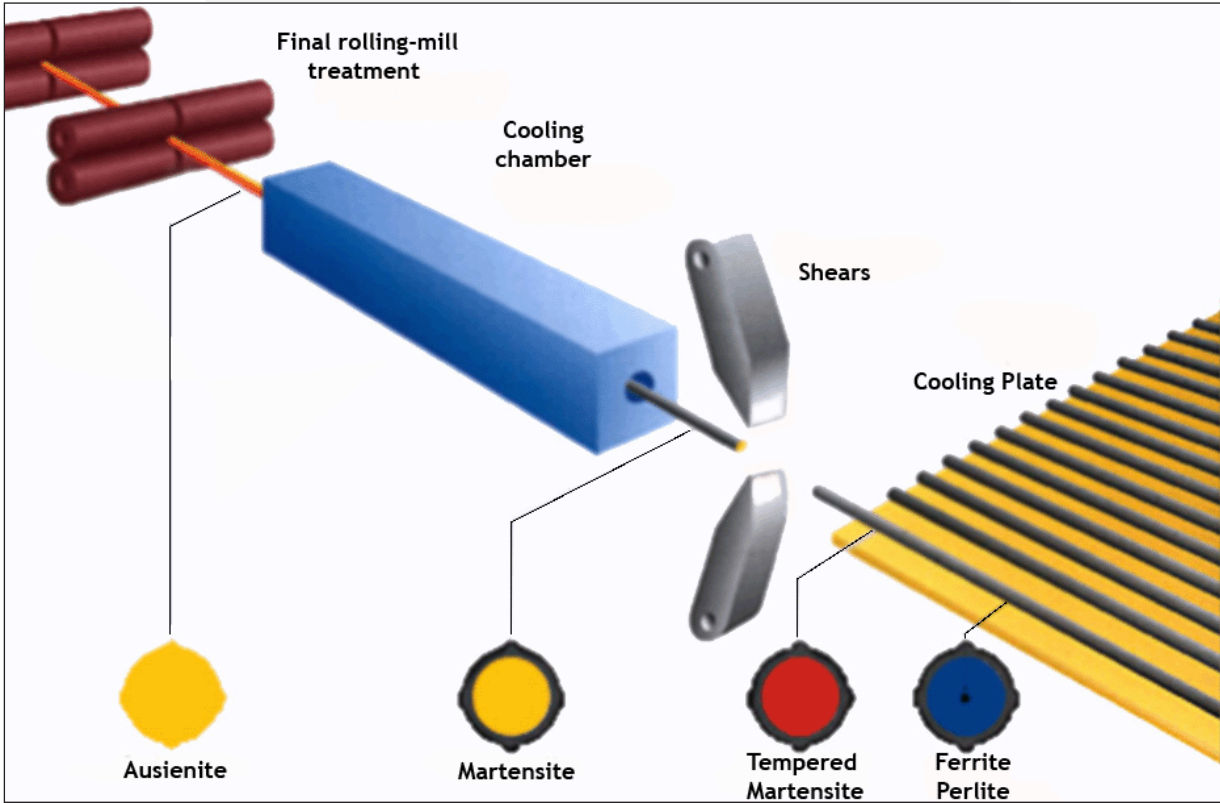


Automatic Straight Bundling with bar code



SBF Rapid TMT
with sizes from 8 mm to 40mm

The TMT/QST Rolling Process



COMBINATION OF MICROSTRUCTURES

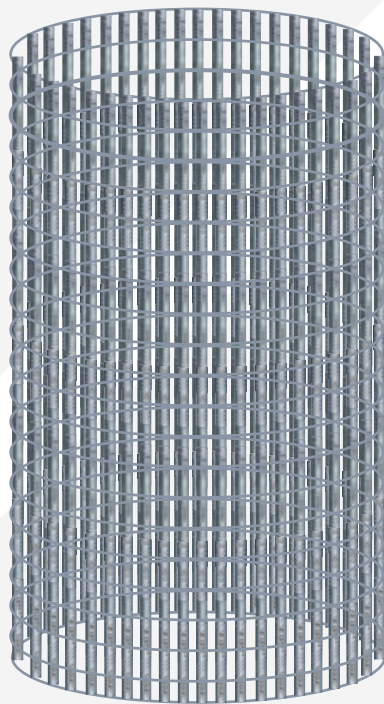
Self tempered Martensite in the case
to deliver higher strength

Fine ferrite & Pearlite micro structure in the
core to deliver better ductility and toughness
in the rebar

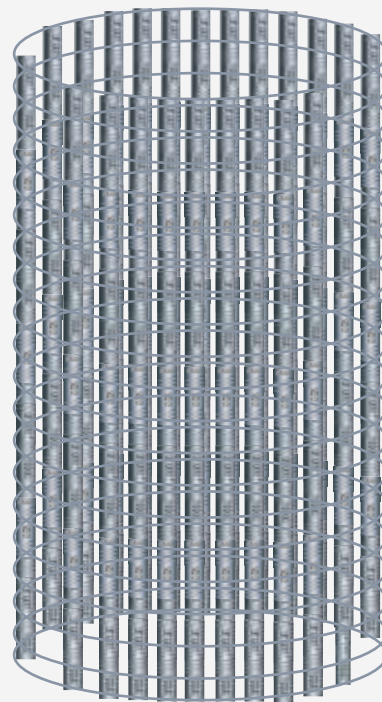


BIGGER SAVING

SBF RAPID TMT Bars, having a higher strength of around 20% in Fe 550 D are much stronger than other ordinary rebars available in market. Due to which the steel consumption can be reduced and hence increase the floor space index, thus giving the user the benefit of extra space, due to user use of rebar and become pocket friend/cost effective of around 20 to 30%



High density of
Fe 500 grade TMT rebars



Increased spacing due to
lesser rebars of **Sbf Rapid FE 550D**

SBF RAPID 550D QST BARS ?



HIGHER STRENGTH

Since we are an integrated plant, we manufacture 550D Grade quality Billets in house which are low in Sulphur and Phosphorous with high manganese. These properties always provides higher strength and Ductility of our SBF RAPID 550 D TMT Bar. As per IS Standards Fe 550 D grade TMT Bars has ultimate tensile strength of 600 N/mm² and yield Strength 550 N/mm² so finally this strength is suitable for any every construction.



BEND AND RE-BEND PROPERTIES

The special microstructure of SBF RAPID 550D QST TMT Bar result in a Rebar with excellent bendability. The bar has got superior bendability which made possible with unique combination of tough outer core and soft inner core this has obvious advantage at construction site. The Bars can make Bend and Re-bend easily without any Cracking and any other strength loss.



CORROSION RESISTANT

This is breakthrough innovation by SBF group to fight the corrosion problem in coastal construction. Some micro alloys are added in the steel making process which improves the corrosion resistance properties of SBF RAPID 550 D QST TMT Bars.



BETTER WELDABILITY

SBF RAPID 550D QST TMT BARS come with less than 0.23% carbon equivalent which result in excellent weldability and makes it superior than ordinary Rebars.



COST SAVING

SBF RAPID TMT Bars, having a higher strength of around 20% in 550 D are much stronger than other ordinary rebars available in market. Due to which the steel consumption can be reduced and hence increase the floor space index, thus giving the user the benefit of extra space, due to user use of rebar and become pocket friend/cost effective of around 20-30%



DUCTILITY

Ductility in one of the most important physical properties of high strength TMT Rebar used for earthquake resistant construction. SBF RAPID 550D QST TMT has high manganese & low carbon Content due which it has a rare combination of high strength and excellent ductility.



FIRE RESISTANT

Advanced Outer Armor Shield (AOAS)

SBF TMT bars has introduced AOAS technology to produce their MT Bars with the trade name This AOAS technology in the SBF RAPID TMT has proved as a good shield towards fire hazards in construction activity. Due to the AOAS Shield on the steel outer surface which can resist the temperature up to 650* and still retaining its strength, whereas ordinary TMT starts losing its mechanical properties from 250 C.



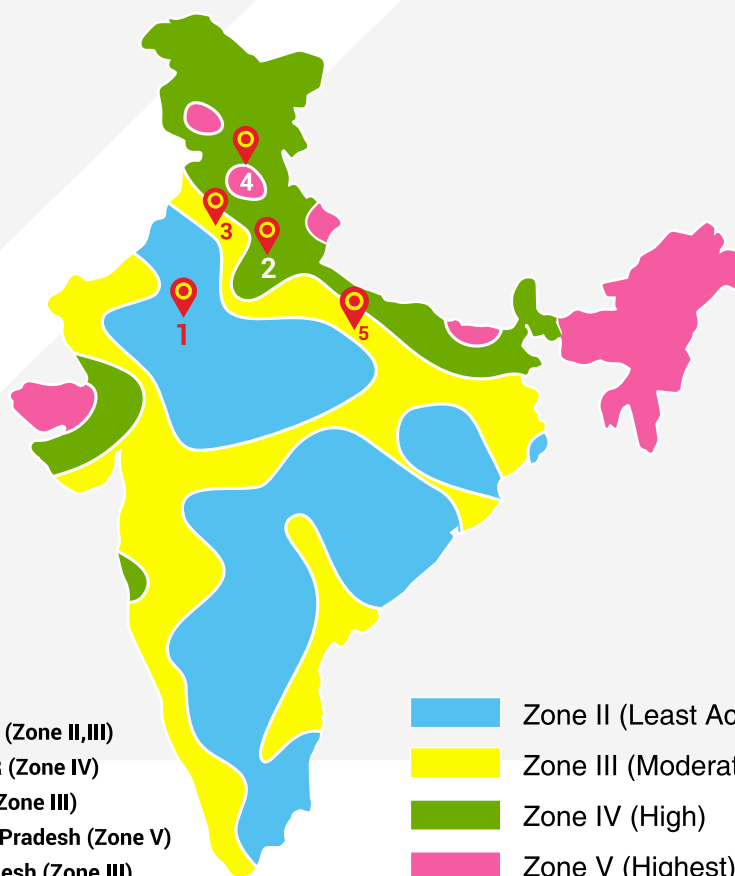
HIGHER BONDING

SBF RAPID 550D QST TMT Bar has uniform and prominent ribs which result in better bond strength. The mean projected area of SBF Rapid TMT is more than specified values of the BIS 1786 standard. This uniformity of rib pattern ensures uniform strong bonding with concrete.



SEISMIC RESISTANCE

Since India has about 54% of its entire landmass resting upon earthquake prone Himalayan and Eurasian plates with magnitudes reaching high as 8.0, earthquakes in Bhuj, Latur, Kashmir with its aftershocks spreading across India, use of high-quality rebars in construction is a no brainer. Poor quality TMT contains high content of Sulphur and Phosphorous thus compromising its ductility. Low ductility causes the rebars to break under stress rather elongating to bear the excess stress. SBF Rapid MT offers excellent ductility thanks to its low Sulphur and Phosphorous content rendering it high elongation (15-24%), a high UTS/YS ratio of 1.08. SBF Rapid TMT's capacity to withstand stress makes it an ideal choice for construction of buildings particularly in earthquake prone areas.



1. Rajasthan (Zone II,III)

2. Delhi-NCR (Zone IV)

3. Haryana (Zone III)

4. Himachal Pradesh (Zone V)

5. Uttar Pradesh (Zone III)

Zone II (Least Active)

Zone III (Moderate)

Zone IV (High)

Zone V (Highest)

SBF RAPiD QST BARS

PHYSICAL PROPERTIES

Grade	FE-500D	FE-550D	FE-600	FE-700
Yield Stress (N/mm ²)Min	500D	550D	600	700
Tensile Strength (N/mm ²)Min. Ratio	≥1.10 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 565 N/mm ²	≥1.08 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 600 N/mm ²	≥1.06 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 660 N/mm ²	≥1.04 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 760 N/mm ²
Elongation(%) Min.	16	15	10	10

SBF RAPiD QST BARS

CHEMICAL PROPERTIES

Grade	FE-500D	FE-500D	FE-550D	FE-550D	FE-600	FE-600	FE-700	FE-700
(%) Max	BIS:1786	SBF RAPID	BIS:1786	SBF RAPID	BIS:1786	SBF RAPID	BIS:1786	SBF RAPID
Carbon	0.25	0.18-0.25	0.25	0.18-0.23	0.30	0.18-0.25	0.30	0.18-0.25
Sulphur	0.040	0.030-0.035	0.040	0.025-0.035	0.040	0.025-0.035	0.040	0.025-0.035
Phosphorus	0.040	0.028-0.035	0.040	0.025-0.035	0.040	0.025-0.035	0.040	0.025-0.035
S+P	0.075	0.062-0.070	0.075	0.060-0.070	0.075	0.060-0.070	0.075	0.060-0.070

SBF RAPiD QST BARS

PRODUCT RANGE

Nominal Size (mm)	BIS Standards Weight Per Meter In KG	SBF RAPID Bar Weight Per Meter In KG	BIS Tolerance	SBF RAPID Tolerance
8	0.395	0.379 - 0.390	± 7%	± 4%
10	0.617	0.592 - 0.600	± 7%	± 4%
12	0.888	0.861 - 0.880	± 5%	± 3%
16	1.580	1.532 - 1.560	± 5%	± 3%
20	2.470	2.420 - 2.450	± 3%	± 2%
25	3.850	3.773 - 3.840	± 3%	± 2%
28	4.830	4.735 - 4.800	± 3%	± 2%
32	6.310	6.184 - 6.300	± 3%	± 2%
36	7.990	7.800 - 7.900	± 3%	± 2%
40	9.860	9.663 - 9.860	± 3%	± 2%

Annexure
Certificates, Technology & Licences



सत्यमेव जयते

प्रारूप 1
पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U27205DL2010PTC206026

2010 - 2011

में एतद्वारा सत्यापित करता हूँ कि मेसर्स

SBF ISPAT PRIVATE LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन-पत्र आज दिनांक बीस जुलाई दो हजार दस को मेरे हस्ताक्षर से दिल्ली में जारी किया जाता है।

Form 1

Certificate of Incorporation

Corporate Identity Number : U27205DL2010PTC206026

2010 - 2011

I hereby certify that SBF ISPAT PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Delhi this Twentieth day of July Two Thousand Ten .

(ASHOK KUMAR BEHL)

सहायक कम्पनी रजिस्ट्रार / Assistant Registrar of Companies
राष्ट्रीय राजधानी क्षेत्र दिल्ली एवं हरियाणा
National Capital Territory of Delhi and Haryana

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :

Mailing Address as per record available in Registrar of Companies office:

SBF ISPAT PRIVATE LIMITED

WZ106/80, Rajori Garden Extension, Behind Cambridge School,

New Delhi - 110027.

Delhi INDIA

**Form-4
(Prescribed under rule-5)
Government of Rajasthan**



REGISTRATION & LICENCE TO WORK A FACTORY

Registration No.:- RJ/33696

Fees Rs.:- 105800/- per year

Application No.:- R-61844/CIFB/2021

Licence is hereby granted to M/S SBF ISPAT PRIVATE LIMITED valid only for the premises described below for use as factory employing not more than 450 persons on any day during the year and using motive power not exceeding 23050 HP subject to the provisions of the Factories Act, 1948 and the rule made there under.

This licence shall remain in force till the 31st day of March 2024

Date:- 21/01/2021



Chief Inspector of Factories and Boilers
Rajasthan, Jaipur

Description of the licensed premises

M/S SBF ISPAT PRIVATE LIMITED

The licenced premises shown on Plan No. P-46013/CIFB/2020. Date 02/12/2020 are situated in PLOT NO- F 109-117 , G 143-151, GENERAL ZONE INDUSTRIAL AREA KAROLI, KAROLI AND , ALWAR and consist of BILLETS & TMT BAR..

Date of Renewal	Date of Expiry	Signature of Licensing Authority
21/01/2021	31/03/2024	Dy. Chief Inspector , Alwar

This is a computer generated certificate and bears scanned signature. No physical signature is required on this license. You can verify this license by visiting www.rajfab.rajasthan.gov.in and entering Application No./ID after clicking the link for verification on the page.

Factories and Boilers Inspection Department, Rajasthan



THERMEX QST LICENCE

This is to certify that

SBF Ispat Private Limited

has been granted Licence Rights to use the THERMEX QUENCHING SYSTEM and TECHNOLOGY of M/s HENNIGSDORFER STAHL ENGINEERING GmbH, GERMANY in its rolling mill at Plot No. F 109-117, & G 143-151, General Zone Industrial Area, Karoli, Khushkhera, District – Alwar, Rajasthan, India to produce high strength Thermex Quenched & Self Tempered (QST) rebars having mechanical properties as per IS 1786 : 2008 (Fourth Revision) Amendment 3 of March 2017 Grades Fe 415, Fe 415D, Fe 500, Fe 500D, Fe 550 & Fe 550D in sizes 8mm to 32mm.

This Licence is valid up to **30th September 2022**.

for H&K ROLLING MILL ENGINEERS PVT. LTD.

Managing Director

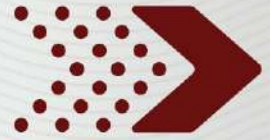


(THERMEX is the registered trademark of H&K in India and of HSE Germany in other countries)



Scan this QR Code with smartphone to verify the certificate

CERTIFICATE OF REGISTRATION



This is to certify that:

SBF ISPAT PVT LIMITED

PLOT NO. F-109-117 & G-143-151, GENERAL ZONE INDUSTRIAL AREA, KAROLI, KHUSHKHERA, DISTT. ALWAR, RAJASTHAN - 301707, INDIA

the management system of the above organisation has been assessed and found to comply with the requirements of the management system standards detailed below

STANDARD

ISO 9001:2015

Quality Management System

Certification Scope

Manufacturing of MS Billets and TMT Bars

Certification Calendar

Certificate Number
IAS240192763

Date of Registration
24-Jan-2022

Client ID
SB1169

Date of Issue
24-Jan-2022

Issue
01

Date of Expiry
23-Jan-2025

*The full duration validity of this certificate is subject to successful & timely completion of the surveillance audits.

*This certificate remains the property of SAGACI and shall have to be returned back when it has ceased to be valid, for whatsoever reason.

*Information about this certificate can be inquired at the official website of certification (www.sagaciert.com)


A. C. Dhanu
Authorised Signatory



SAGACI CERTIFICATIONS PRIVATE LIMITED

www.sagaciert.com

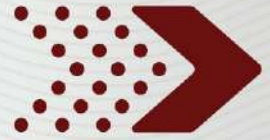
This certificate has been issued by Sagaci Certifications Pvt. Ltd., 20, A-2, Shiva Arcade, Acharya Niketan, Mayur Vihar Phase - 1, Delhi - 110091, and will remain valid subject to maintaining its system to the required standard(s). This will be monitored regularly by SAGACI. The use of IAS accreditation mark indicates accreditation in respect of those activities covered by the accreditation certificate. Further clarification regarding the scope of this certificate and verification of the certificate is available through SAGACI or www.sagaciert.com.

Phone: 011-43601911, Email: info@sagaciert.com, Web: www.sagaciert.com



Scan this QR Code with smartphone to verify the certificate

CERTIFICATE OF REGISTRATION



This is to certify that:

SBF ISPAT PVT LIMITED

PLOT NO. F-109-117 & G-143-151, GENERAL ZONE INDUSTRIAL AREA, KAROLI, KHUSHKHERA, DISTT. ALWAR, RAJASTHAN - 301707, INDIA

the management system of the above organisation has been assessed and found to comply with the requirements of the management system standards detailed below

STANDARD

ISO 14001:2015

Environmental Management System

Certification Scope

Manufacturing of MS Billets and TMT Bars

Certification Calendar

Certificate Number
IAS2401142764

Client ID
SB1169

Issue
01

Date of Registration
24-Jan-2022

Date of Issue
24-Jan-2022

Date of Expiry
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Authorised Signatory



SAGACI CERTIFICATIONS PRIVATE LIMITED

www.sagaciert.com

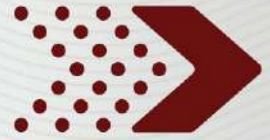
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CERTIFICATE OF REGISTRATION



This is to certify that:

SBF ISPAT PVT LIMITED

PLOT NO. F-109-117 & G-143-151, GENERAL ZONE INDUSTRIAL AREA, KAROLI, KHUSHKHERA, DISTT. ALWAR, RAJASTHAN - 301707, INDIA

the management system of the above organisation has been assessed and found to comply with the requirements of the management system standards detailed below

STANDARD

ISO 45001:2018

Occupational Health & Safety Management System

Certification Scope

Manufacturing of MS Billets and TMT Bars

Certification Calendar

Certificate Number
IAS2401452765

Date of Registration
24-Jan-2022

Client ID
SB1169

Date of Issue
24-Jan-2022

Issue
01

Date of Expiry
23-Jan-2025

*The full duration validity of this certificate is subject to successful & timely completion of the surveillance audits.

*This certificate remains the property of SAGACI and shall have to be returned back when it has ceased to be valid, for whatsoever reason.

*Information about this certificate can be inquired at the official website of certification (www.sagaciert.com)


Authorised Signatory



SAGACI CERTIFICATIONS PRIVATE LIMITED

www.sagaciert.com

This certificate has been issued by Sagaci Certifications Pvt. Ltd., 20, A-2, Shiva Arcade, Acharya Niketan, Mayur Vihar Phase - 1, Delhi - 110091, and will remain valid subject to maintaining its system to the required standard(s). This will be monitored regularly by SAGACI. The use of IAS accreditation mark indicates accreditation in respect of those activities covered by the accreditation certificate. Further clarification regarding the scope of this certificate and verification of the certificate is available through SAGACI or www.sagaciert.com.

Phone: 011-43601911, Email: info@sagaciert.com, Web: www.sagaciert.com



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises



UDYAM REGISTRATION CERTIFICATE



TYPE OF ENTERPRISE

MICRO

MANUFACTURING

UDYAM REGISTRATION NUMBER

UDYAM-RJ-02-0002200

NAME OF ENTERPRISE

M/S SBF ISPAT PRIVATE LIMITED

SOCIAL CATEGORY OF
ENTREPRENEUR

General

NAME OF UNITS

SNo.	Udyog Aadhaar Memorandum	Units Name
1	DL11B0005612	SBF ISPAT PRIVATE LIMITED

OFFICIAL ADDRESS OF
ENTERPRISE

Flat/Door/Block No.	F-109-117&G-143-	Name of Premises/ Building	SBF ISPAT PRIVATE LIMITED
Village/Town	KAROLI	Block	GENERAL ZONE
Road/Street/Lane	RIICO INDUSTRIAL AREA	City	BHIWADI
State	RAJASTHAN	District	ALWAR , Pin 301707
Mobile	9810510396	Email:	SBFISPAT2017@GMAIL.COM

DATE OF INCORPORATION /
REGISTRATION OF ENTERPRISE

20/07/2010

DATE OF COMMENCEMENT OF
PRODUCTION/BUSINESS

08/10/2020

NATIONAL INDUSTRY
CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	24 - Manufacture of basic metals	2410 - Manufacture of basic iron and steel	24103 - Manufacture of steel in ingots or other primary forms, and other semi-finished products of steel	Manufacturing

DATE OF UDYAM REGISTRATION

22/09/2020

Disclaimer: This is computer generated statement, no signature required.
Printed from <https://udyamregistration.gov.in>

For any assistance, you may contact:

- DIC BHIWADI
- MSME-DI JAIPUR

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BE A
CHAMPION
with the
Ministry of
MSME



उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय,
भारत सरकार
Ministry of Consumer Affairs, Food and Public
Distribution, GOVT. OF INDIA

पता/Address: मानक भवन, पृथ्वीराज रोड,
सी-स्कीम, जयपुर-302005
Manak Bhawan, Prithviraj Road
C-Scheme- Jaipur| 302005

दुरभाष/Phones 0141-2223282,2223283,2223284

फैक्स/fax: 0141-2223281

ई-मेल/E-Mail: jbo@bis.org.in

वेबसाइट/web : <http://www.bis.org.in>

जयपुर शाखा कार्यालय -2
Jaipur Branch Office-II

Regd. A.D

Our Ref: JPBO-II/L-8600105815

Dated 07/12/2021

Subject: Grant of BIS Product Certification Licence No.- 8600105815
as per IS 1786 : 2008

M/s SBF ISPAT PVT. LTD.
PLOT NO. F 109-117 AND G143-151,
GENERAL ZONE INDUSTRIAL AREA, KAROLI
Distt : Alwar
(Rajasthan) -301707

Dear Madam(s)/Sir(s),

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product: High strength deformed steel bars and wires for concrete reinforcement -Specification
Grade/ Class/ Type/ Variety

Fe 500 and Fe 500D Nominal Size 8 mm, 10 mm, 12 mm, 16 mm, 20 mm, 25 mm and 32 mm

Grade : Fe 550 and Fe 550D; Nominal Size : 8 mm, 10 mm, 12 mm, 16 mm, 20 mm, 25 mm and 32 mm

As per IS 1786 : 2008

The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this Licence is **CM/L- 8600105815** which has been made operative from **13-10-2021** and is valid up to **12-10-2022** The licence number shall invariably be referred to in your future correspondence.

According to Sub-Paragraph (1) & (3) of Paragraph 5 of Scheme-I of Schedule-II under Bureau of Indian Standards (Conformity Assessment) Regulations, 2018, the annual licence fee of Rs.1000.00 and the marking fee for use of Standard Mark as per Annexure-I of Scheme-I of BIS (Conformity Assessment) Regulations, 2018 is payable by you with effect from 13-10-2021 for the period of validity of the licence in advance.

3. Minimum Marking fee stipulated in Annexure-I of Scheme-I of BIS (Conformity Assessment) Regulations, 2018 is payable by you regardless of the fact whether you actually mark your product or not with the Standard Mark.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher, shall be payable by you at the time of renewal.



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

मानक चिन्ह लगाने की अनुज्ञप्ति (लाइसेंस)
Licence for the use of STANDARD MARK

लाइसेंस सं. सीएम/एल- 8600105815

Licence No. CM/L -8600105815

यह ब्यूरो, भारतीय मानक ब्यूरो अधिनियम, 2016 (2016 का 11) द्वारा प्रदत्त शक्तियों के आधार पर
By virtue of the power conferred on it by the BUREAU OF INDIAN STANDARDS ACT,
2016 (11 of 2016) the BUREAU hereby grants to

मैसर्स एसबीएफ इस्पात प्राइवेट लिमिटेड.,
प्लॉट नं. एफ 109-117 एण्ड जी 143- 151,
जनरल जोन इण्डस्ट्रीयल ऐरिया
करौली
जिला-अलवर (राजस्थान) - 301707

M/s SBF ISPAT PVT. LTD.
PLOT NO. F 109-117 AND G143-151,
GENERAL ZONE INDUSTRIAL AREA, KAROLI
Distt : Alwar
(Rajasthan) -301707

को (जिसे इसमें आगे 'अनुज्ञप्तिधारी' कहा गया है), इसकी प्रथम अनुसूची के पहले कालम में विनिर्दिष्ट मानक चिन्ह का इस अनुसूची के तीसरे कालम में दी गई किस्मों पर, उपयोग करने के लिए यह अनुज्ञप्ति प्रदान करता है। इन उत्पादित किस्मों पर चिन्ह का उपयोग उक्त अनुसूची के दूसरे कालम में समय-समय पर संशोधित अथवा पुनरीक्षित/संदर्भित संबद्ध भारतीय मानक (मानकों) के अनुसार/अनुरूप विनिर्मित हो।

(hereinafter called 'the Licensee') this Licence to use the Standard Mark set out in the first column of the First Schedule hereto, upon or in respect of the varieties set out in the third column of the said Schedule which is manufactured in accordance with/conforms to the related Indian Standard(s) referred to in the second column of the said Schedule as from time to time amended or revised.

2. इस अनुज्ञप्ति में अनुबंध अनुज्ञप्ति की शर्तों के लिए अनुज्ञप्तिधारी उत्तरदायी हैं। यह अनुज्ञप्ति पहली अनुसूची में यथा-उल्लिखित नाम, कारखाना के पते और अवधि के लिए विधिमान्य होगा और इसे स्कीम-1 में निर्दिष्टानुसार नवीकृत कराया जा सकता है।

This Licence carries obligations on part of the licensee as conditions of licence. This licence shall be valid for the name, factory address and period as mentioned in the first schedule and may be renewed as prescribed in the scheme.

5. With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6. The Scheme of Inspection and Testing (SIT) submitted by you and agreed by BIS or the Scheme of Inspection and Testing as specified by BIS* will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7. We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

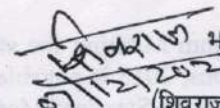
8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9. This licence is granted for your manufacturing premises situated at (Address of factory)
PLOT NO. F 109-117 AND G143-151, GENERAL ZONE INDUSTRIAL AREA, KAROLI Distt : Alwar
(Rajasthan) -301707

Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by BIS in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted under option 2 which is subject to the condition that if samples drawn by BIS during the verification visit before grant of licence, fail to conform to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under suspension, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation

Thanking you,


भवदीय,
5/12/2021
(शिवराज सिंह मीना)
वैज्ञानिक 'ई' एवं प्रमुख

अनुसूचि
SCHEDULE

लाइसेंस नं. सीएम/एल - 8600105815 के अंतर्गत फैक्ट्री के विवरण एवं स्कोप की अनुसूचि
Schedule of Factory details and scope under Licence No.CM/L- 8600105815

नाम : मैसर्स एसबीएफ इस्पात प्राइवेट लिमिटेड.,

Name : M/s SBF ISPAT PVT. LTD.


फैक्ट्री का पता : प्लॉट नं. एफ 109-117 एण्ड जी 143- 151, जनरल जोन इण्डस्ट्रीयल ऐरिया , करौली
जिला-अलवर (राजस्थान) - 301707

Factory Address : PLOT NO. F 109-117 AND G143-151, GENERAL ZONE INDUSTRIAL AREA, KAROLI

Distt : Alwar (Rajasthan) -301707

Validity : 13 October, 2021 to 12 October, 2022

वैधता : 13 अक्टूबर, 2021 से 12 अक्टूबर, 2022

मानक चिन्ह Standard Mark	भारतीय मानक Indian Standard	अनुज्ञप्ति का विषय क्षेत्र Scope of Licence	मुहरांकन फीस Marking Fee
(1)	(2)	(3)	(4)
IS 1786 	आईएस 1786:2008 IS 1786 : 2008	High strength deformed steel bars and wires for concrete reinforcement FOR FOLLOWING VARIETIES : Fe 500 and Fe 500D Nominal Size 8 mm, 10 mm, 12 mm, 16 mm, 20 mm, 25 mm and 32 mm Grade : Fe 550 and Fe 550D; Nominal Size : 8 mm, 10 mm, 12 mm, 16 mm, 20 mm, 25 mm and 32 mm	रु.3प्रति इकाई सभी इकाइयों के साथ लागू अवधि के एक वर्ष के लिए रु.84000.00 न्यूनतम मुहरांकन शुल्क सहित Rs.3 per unit for all the units with a minimum marking fee of Rs 84000.00 during an operative period of one year. MSME इकाई -1टन Unit - 1 TON लाइसेंस के एक वर्ष लागू रहने के लिए न्यूनतम फीस अग्रिम देय होगी और यह फीस अगले नवीनीकरण (नवीकरणों) के लिए जमा रहेगी। Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s)

आज दो हजार इक्कीस के दिसम्बर मास के सातवें दिन हस्ताक्षरित तथा मुद्रांकित
SEVENTH DECEMBER

Signed, Sealed and Dated this day of month of Year TWO THOUSAND TWENTY ONE.

भारतीय मानक ब्यूरो की ओर से
for BUREAU OF INDIAN STANDARDS

शिवराज सिंह मीना
07/12/2021

(शिवराज सिंह मीना)
वैज्ञानिक 'ई' एवं प्रमुख



Government of India
Ministry of Commerce and Industry
Directorate General of Foreign Trade
Office of the Joint Director General of Foreign Trade, Jaipur
Udyog Bhawan, IIIrd Floor, Tilak Marg,, Jaipur

Importer-Exporter Code

This is to certify that **SBF ISPAT PRIVATE LIMITED** is issued an Importer-Exporter Code (IEC) **AAOCS6177P** with details as follows -

IEC	AAOCS6177P
स्थाई खाता सं.(पैन) /PAN	AAOCS6177P
फर्म का नाम/Firm Name	SBF ISPAT PRIVATE LIMITED
निगम की प्रकृति /Nature of Concern	Private Limited
जारी करने की तारीख/Date of Issue	18/06/2021
पता/Registered Address	F109-117 and G143-151,General Zone Industrial Area, Karoli, Tapukara, ALWAR, RAJASTHAN, 301707
धारक का नाम / Name of the Signatory	Ashu Gupta
Director / Partner Details	Refer online at https://dgft.gov.in or scan the QR Code
शाखा/इकाई /Branch Details	Refer online at https://dgft.gov.in or scan the QR Code

Last Modified : 18/06/2021

File Number : JPRIECPAPPLY00004725AM22



Note : This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGFT website <https://dgft.gov.in> by entering the IEC and Firm Name under Services > View Any IEC Details. You can also authenticate the certificate by scanning the QR code.

Annexure..

Test Certificates / Inspection Reports



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014858F

TEST CERTIFICATE

NO : C1/0000273354

Issued To :

Client Code : (BHIW01S3671)
SBF ISPAT PVT. LTD.,
PLOT NO G-143, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: SHALINI JOSHI,ODM

Date : 29-11-2021
Job No : 2111-1-MET-1290
Booking No : RG2122/1/6223
Booking Date : 19-11-2021
Customer Ref No. : WO.NO- SBF STEEL/SRIRAM/2021-22/PO-1055
Customer Ref Dt. : 15-11-2021



Sample Detail :

ONE SAMPLE DESCRIBED AS TMT MAKE -SBF-RAPID , GRADE 550D , Dia 8mm , WAS RECEIVED.

Job No : 2111-1-MET-1290

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008 ,RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement	Conformity	Protocol Adopted
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i	Carbon	0.21	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.030	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.039	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.069	0.075 Max.	Yes	IS:1786-2008,RA 2018

DISCIPLINE: MECHANICAL

[Signature]
AUTHORISED SIGNATORY
EMPLOYEE CODE: (5724)

Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014858F

TEST CERTIFICATE

NO : C1/0000273354



GROUP: MECHANICAL PROPERTIES OF METAL

B. Physical Tests

1	TS/YS ratio ¹⁾	1.11	≥ 1.08 but TS not less than 600	Yes Yes	IS: 1786-2008, RA 2018 IS: 1608 (Pt-1)-2018
	Tensile Strength, N/mm ²	751			
2	Yield Stress, N/mm ²	673.2	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	17.5	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test. (No rupture or cracks on bent portion observed)	To pass the test. (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test. (No rupture or cracks on rebent portion observed)	To pass the test. (There shall be no rupture or cracks on rebent portion)	Yes	IS: 1786-2008, RA 2018
6	Mass per metre run (Kg)	0.391	Not less than 0.363	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloys/03: 2021
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	1.33	0.96 Min.	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloys/03: 2021
b.	Mean projected area of transverse ribs in mm ² /mm length	1.33	0.32 Min.	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloys/03: 2021

Remarks:- The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D
w.r.t. above test parameters.

Note: 1. ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

Note: The Test results relates only to the items tested above only.

End of Report

DOR: 19/11/2021

DOS: 19/11/2021

DOC: 29/11/2021

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5724)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014859F

TEST CERTIFICATE

NO : C1/0000273356



Issued To :

Client Code : (BHIW01S3671)
SBF ISPAT PVT. LTD.,
PLOT NO G-143, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: SHALINI JOSHI,ODM

Date : 29-11-2021
Job No : 2111-1-MET-1291
Booking No : RG2122/1/6223
Booking Date : 19-11-2021
Customer Ref No. : WO.NO- SBF STEEL/SRIRAM/2021-22/PO-1055
Customer Ref Dt. : 15-11-2021

Sample Detail :

ONE SAMPLE DESCRIBED AS TMT MAKE -SBF-RAPID , GRADE 550D , Dia 10mm , WAS RECEIVED.

Job No : 2111-1-MET-1291

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008 ,RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement	Conformity	Protocol Adopted
Grade FE-550D					
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i	Carbon	0.20	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.031	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.035	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.066	0.075 Max.	Yes	IS:1786-2008,RA 2018

DISCIPLINE: MECHANICAL

AUTHORISED SIGNATORY
EMPLOYEE CODE: (564)

Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

GC-01(Rev-05)

1/2

Phone : 91-11-27000100, 27667267, 27667860

Fax : 91-11-27667207

SRI-C1 (Rev. 04)

See overleaf for terms & conditions



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014859F

TEST CERTIFICATE

NO : C1/0000273356



GROUP: MECHANICAL PROPERTIES OF METAL

B. Physical Tests

1	TS/YS ratio ¹⁾	1.13	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm ²	757	not less than 600	Yes	IS: 1608 (Pt-1)-2018
2	Yield Stress, N/mm ²	667.0	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	22.4	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test. (No rupture or cracks on bent portion observed)	To pass the test. (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test. (No rupture or cracks on rebent portion observed)	To pass the test. (There shall be no rupture or cracks on rebent portion)	Yes	IS: 1786-2008,RA 2018
6	Mass per metre run (Kg)	0.601	Not less than 0.568	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	1.82	1.20 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
b.	Mean projected area of transverse ribs in mm ² /mm length	1.82	0.40 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021

Remarks:- The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

Note: 1. ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

Note: The Test results relates only to the items tested above only.

End of Report

DOR: 19/11/2021

DOS: 19/11/2021

DOC: 29/11/2021

AUTHORISED SIGNATORY

EMPLOYEE CODE: (5264)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014860F

TEST CERTIFICATE

NO : C1/0000273358



Issued To :

Client Code : (BHIW01S3671)
SBF ISPAT PVT. LTD.,
PLOT NO G-143, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: SHALINI JOSHI,ODM

Date : 29-11-2021
Job No : 2111-1-MET-1292
Booking No : RG2122/1/6223
Booking Date : 19-11-2021
Customer Ref No. : WO.NO- SBF STEEL/SRIRAM/2021-22/PO-1055
Customer Ref Dt. : 15-11-2021

Sample Detail :

ONE SAMPLE DESCRIBED AS TMT MAKE -SBF-RAPID , GRADE 550D , Dia 12mm , WAS RECEIVED.

Job No : 2111-1-MET-1292

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008 ,RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement	Conformity	Protocol Adopted
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i	Carbon	0.20	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.032	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.036	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.068	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY

EMPLOYEE CODE:(5124)



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ULR NO. : TC544421000014860F

TEST CERTIFICATE

NO : C1/0000273358



DISCIPLINE: MECHANICAL

GROUP: MECHANICAL PROPERTIES OF METAL

B. Physical Tests

1	TS/YS ratio ¹⁾	1.16	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm ²	652	not less than 600	Yes	IS: 1608 (Pt-1)-2018
2	Yield Stress, N/mm ²	560.9	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	18.6	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test. (No rupture or cracks on bent portion observed)	To pass the test. (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test. (No rupture or cracks on rebent portion observed)	To pass the test. (There shall be no rupture or cracks on rebent portion)	Yes	IS: 1786-2008,RA 2018
6	Mass per metre run (Kg)	0.846	Not less than 0.835	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	2.38	1.80 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
b.	Mean projected area of transverse ribs in mm ² /mm length	2.38	0.60 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021

Remarks:- The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

Note: 1. ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

Note: The Test results relates only to the items tested above only.

End of Report

DOR: 19/11/2021

DOS: 19/11/2021

DOC: 29/11/2021

AUTHORISED SIGNATORY
EMPLOYEE CODE: (524)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000012413F

TEST CERTIFICATE

NO : C1/0000267836

Issued To
Client Code : (BHW01S5671)
SBF ISPAT PVT. LTD
PLOT NO. G-113, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: MR. VINI ET GUPTA

Date : 29-09-2021
Job No : 2109-1-MET-1797
Booking No : RG2122/1/4510
Booking Date : 23-09-2021
Customer Ref No. :-
Customer Ref Dt. : 23-09-2021



Sample Detail

ONE SAMPLE DESCRIBED AS TMT BAR DIA-16 MM, GRADE : FE-550D, MAKE : SBF RAPID, WAS RECEIVED.

Job No : 2109-1-MET-1797

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008, RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement Grade FE-550D	Conformity	Protocol Adopted
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i.	Carbon	0.18	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii.	Sulphur	0.037	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii.	Phosphorous	0.038	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv.	Sulphur+Phosphorous	0.075	0.075 Max.	Yes	IS:1786-2008,RA 2018
v.	Carbon Equivalent	0.34	0.61 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5117)

Starting from 2020, all copies should be authenticated by reference to the original report.

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Phone : 91-11-27000100, 27667267, 27667860

Fax : 91-11-27667207

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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

DLR NO: TC544421000012413F

TEST CERTIFICATE

NO : C1/0000267836

DISCIPLINE: MECHANICAL

GROUP: METAL & ALLOYS

B. Physical Tests

1	TS/YS ratio ¹⁾	1.12	≥ 1.08 but TS not less than 600	Yes	IS: 1786-2008, RA 2018
	Tensile Strength, N/mm ²	724		Yes	IS: 1608 (Pt-1)-2018
2	Yield Stress, N/mm ²	642.2	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	20.2	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test (No rupture or cracks on bent portion observed)	To pass the test (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test (No rupture or cracks on Rebent portion observed)	To pass the test (There shall be no rupture or cracks on Rebent portion)	Yes	IS: 1786-2008, RA 2018
6	Mass per metre run (Kg)	1.535	Not less than 1.485	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloy/03
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	3.09	2.40 Min	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloy/03
b.	Mean projected area of transverse ribs in mm ² /mm length	3.09	0.80 Min.	Yes	IS: 1786-2008, RA 2018 SOP/Metal & Alloy/03

Remarks: The sample conforms to IS: 1786-2008, RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

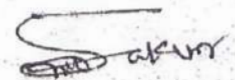
Note: ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

DOR: 23/09/2021

DOS: 24/09/2021

DOC: 29/09/2021





AUTHORISED SIGNATORY
EMPLOYEE CODE: (5117)

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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014861F

TEST CERTIFICATE

NO : C1/0000273359



Issued To :

Client Code : (BHIW01S3671)
SBF ISPAT PVT. LTD.,
PLOT NO G-143, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: SHALINI JOSHI.ODM

Date : 29-11-2021
Job No : 2111-1-MET-1293
Booking No : RG2122/1/6223
Booking Date : 19-11-2021
Customer Ref No. : WO.NO- SBF STEEL/SRIRAM/2021-22/PO-1055
Customer Ref Dt. : 15-11-2021

Sample Detail :

ONE SAMPLE DESCRIBED AS TMT MAKE - SBF-RAPID , GRADE 550D , Dia 20mm , WAS RECEIVED.

Job No : 2111-1-MET-1293

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008 ,RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement	Conformity	Protocol Adopted
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i	Carbon	0.22	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.020	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.020	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.040	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY

EMPLOYEE CODE: (5724)



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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014861F

TEST CERTIFICATE

NO : C1/0000273359

DISCIPLINE: MECHANICAL

GROUP: MECHANICAL PROPERTIES OF METAL



B. Physical Tests

1	TS/YS ratio ¹⁾	1.16	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm ²	731	not less than 600	Yes	IS: 1608 (Pt-1)-2018
2	Yield Stress, N/mm ²	628.8	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	16.0	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test. (No rupture or cracks on bent portion observed)	To pass the test. (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test. (No rupture or cracks on rebent portion observed)	To pass the test. (There shall be no rupture or cracks on rebent portion)	Yes	IS: 1786-2008,RA 2018
6	Mass per metre run (Kg)	2.448	Not less than 2.371	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	3.75	3.40 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
b.	Mean projected area of transverse ribs in mm ² /mm length	3.75	1.13 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021

Remarks:- The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

Note: 1. ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

Note: The Test results relates only to the items tested above only.

End of Report

DOR: 19/11/2021

DOS: 19/11/2021

DOC: 29/11/2021

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5124)



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

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Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

ULR NO. : TC544421000014863F

TEST CERTIFICATE

NO : C1/0000273362



Issued To :

Client Code : (BHIW01S3671)
SBF ISPAT PVT. LTD.,
PLOT NO G-143, 151 & F-109-117,
GENERAL ZONE, IND AREA, KARALI
BHIWADI
RAJASTHAN-301707
Kind Attn: SHALINI JOSHILODM

Date : 29-11-2021
Job No : 2111-1-MET-1294
Booking No : RG2122/1/6223
Booking Date : 19-11-2021
Customer Ref No. : WO.NO- SBF STEEL/SRIRAM/2021-22/PO-1055
Customer Ref Dt. : 15-11-2021

Sample Detail :

ONE SAMPLE DESCRIBED AS TMT MAKE - SBF-RAPID, GRADE 550D , Dia 25mm , WAS RECEIVED.

Job No : 2111-1-MET-1294

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.

The sample particulars provided in the Test Certificate are based on the declaration by the Party.

TEST RESULTS

(As Per IS: 1786-2008 ,RA 2018 with Amendment No. 4)

S.No.	Test Parameter	Observation	Requirement	Conformity	Protocol Adopted
DISCIPLINE: CHEMICAL					
GROUP: METAL & ALLOYS					
A.	Chemical Test % by mass				
i	Carbon	0.22	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.018	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.018	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.036	0.075 Max.	Yes	IS:1786-2008,RA 2018

DISCIPLINE: MECHANICAL

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5744)



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ULR NO. : TC544421000014863F

TEST CERTIFICATE

NO : C1/0000273362



GROUP: MECHANICAL PROPERTIES OF METAL

B. Physical Tests

1	TS/YS ratio ¹⁾ Tensile Strength, N/mm ²	1.23 697	≥ 1.08 but TS not less than 600	Yes Yes	IS: 1786-2008,RA 2018 IS: 1608 (Pt-1)-2018
2	Yield Stress, N/mm ²	565.9	550.0 Min.	Yes	IS: 1608 (Pt-1)-2018
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	17.6	14.5 Min.	Yes	IS: 1608 (Pt-1)-2018
4	Bend Test	Passes the test. (No rupture or cracks on bent portion observed)	To pass the test. (There shall be no rupture or cracks on bent portion)	Yes	IS: 1599-2019
5	Rebend Test	Passes the test. (No rupture or cracks on rebent portion observed)	To pass the test. (There shall be no rupture or cracks on rebent portion)	Yes	IS: 1786-2008,RA 2018
6	Mass per metre run (Kg)	3.828	Not less than 3.696	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm ² /mm length	5.92	4.25 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021
b.	Mean projected area of transverse ribs in mm ² /mm length	5.92	1.42 Min.	Yes	IS: 1786-2008,RA 2018 SOP/Metal & Alloys/03: 2021

Remarks:- The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

Note: 1. ¹⁾ TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.

Note: The Test results relates only to the items tested above only.

End of Report

DOR: 19/11/2021

DOS: 19/11/2021

DOC: 29/11/2021

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5724)

TEST REPORT

Format No. CAL/7.8F-01 (Issue 01 dated 01.04.2019; Rev 00 dated --)

Job Order No:	CAL21K341-4	ULR NO:	TC6379210 00010149 F
Customer Name & Address:	ATS TOWNSHIP PVT LTD, BISRAKH, GREATER NOIDA	Issue Date:	02.12.2021
		Page Number:	01 of 01
Sample Description:	STEEL TMT 16MM, MAKE -EMBOSSSED ON STEEL IS RAPID FE 550D	Sample Receipt Date:	30.11.2021
Customer Ref No./Dated:	8201	Sample Drawn By:	Customer
Discipline:	Chemical /Mechanical Testing	Group:	Metals & Alloys

Agency Name: Shree Shakti Steel
Lab Code- CAL21K341-4
Testing Date :- 02.12.2021
Mechanical Test :-

S.No.	Test Parameter	Result	Requirement	Test Method	Conformity
1	Weight (Kg/m)	1.564	1.58 ± 5 %	IS :1786-2008,RA-2013	Yes
2	Tensile Strength(N/mm ²)	726.69	600 Min	IS :1608 (Part-1) 2018	Yes
3	Yield Stress(N/mm ²)	609.21	550 Min	IS :1608 (Part-1) 2018	Yes
4	TS/YS Ratio	1.19	≥1.08	IS :1608 (Part-1) 2018	Yes
5	% Elongation (at 5.65VA, G.L.)	22.61	14.50 Min	IS :1608 (Part-1) 2018	Yes
6	Bend Test	Satisfactory	No Crack	IS :1599-2012,RA-2017	Yes
7	Rebend Test	Satisfactory	No Crack	IS :1786-2008,RA-2013	Yes

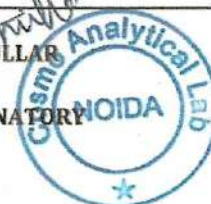
Chemical Test :-

1	Carbon %	0.218	0.25 Max	ASTM E-415-17	Yes
2	Sulphur %	0.0302	0.040 Max	ASTM E-415-17	Yes
3	Phosphorus %	0.0344	0.040 Max	ASTM E-415-17	Yes
4	Sulphur + Phosphorus %	0.0646	0.075 Max	ASTM E-415-17	Yes

Remark :- The Above test Parameters meet the requirement as per IS 1786 : 2008 RA 2013 for Gr. Fe 550D

*** End of Report***


NARINDER KHULLAR
 TM/QM
 AUTHORIZED SIGNATORY



TEST CERTIFICATE

Date : 02-12-2021

COSMO ANALYTICAL LAB

C-423, SEC-10 NOIDA (U.P) 201301

sample Identification : STEEL TMT 16 MM,
Part description :
Part Number :
Machine : Universal Testing Machine 1000 kN

Input Data File Name : CAL21K341-4 , Record No. : 1
Sample Type : TMT Area : 199.189 mm²
Length : 550.0 mm Weight : 0.860 kg , Weight/meter : 1.564 kg
Gauge Length : 80 mm Final Gauge Length : 98.09 mm

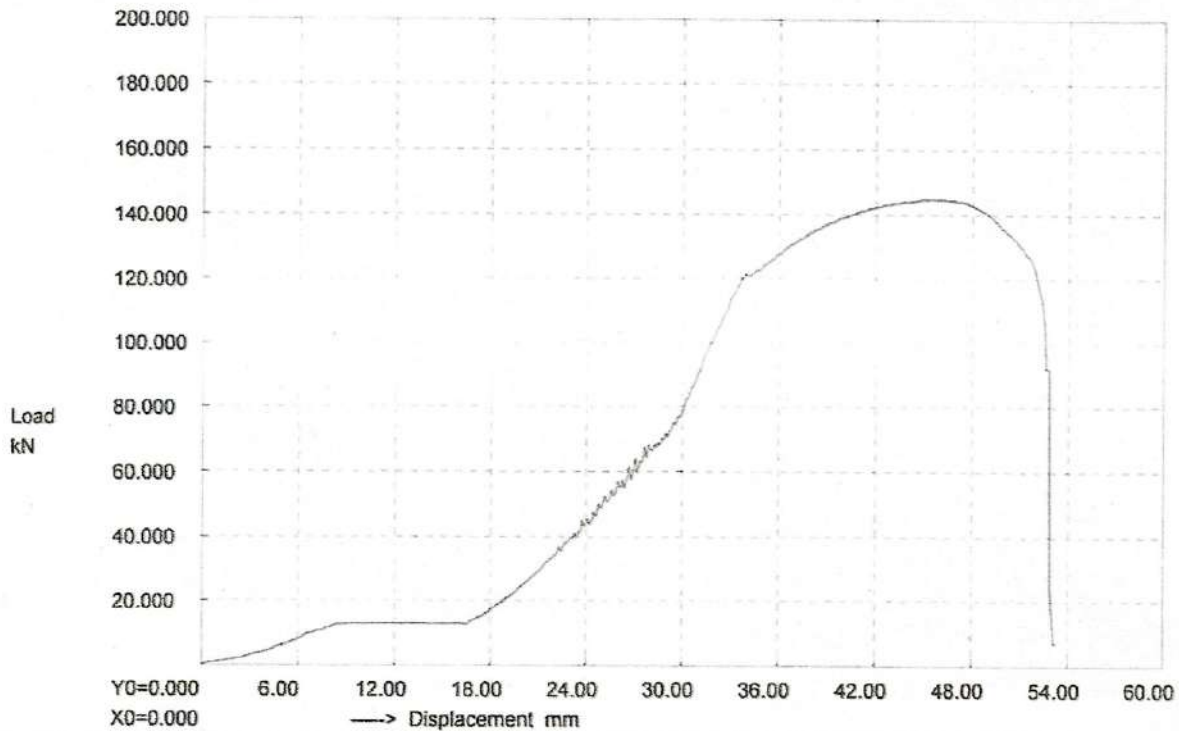
Results of Tension Test

Maximum Force (Fm) : 144.750 kN	Elongation : 22.613 %
Disp. at Fm : 45.5 mm	Yield Load : 121.350 kN
Max. Disp. : 53.300 mm	Yield Strength (Re) : 609.219 N/mm ²
c/s Area (So) : 199.189 mm ²	

Tensile strength (Rm) : 726.696 N/mm²

* Note : Yield Calculated from graph

Graph : Load Vs Displacement



TESTED BY

INSPECTED BY

WITNESSED BY



TEST REPORT

Format No. CAL/7.8F-01 (Issue 01 dated 01.04.2019; Rev 00 dated --)

Job Order No:	CAL21K341-5	ULR NO:	TC637921000010150 F
Customer Name & Address:	ATS TOWNSHIP PVT LTD, BISRAKH, GREATER NOIDA	Issue Date:	02.12.2021
Sample Description:	STEEL TMT 20MM, MAKE -EMBOSSSED ON STEEL IS RAPID FE 550D	Page Number:	01 of 01
Customer Ref No./Dated:	8201	Sample Receipt Date:	30.11.2021
Discipline:	Chemical /Mechanical Testing	Sample Drawn By:	Customer
		Group:	Metals & Alloys

Agency Name: Shree Shakti Steel

Lab Code- CAL21K341-5

Testing Date :- 02.12.2021

Mechanical Test :-

S.No.	Test Parameter	Result	Requirement	Test Method	Conformity
1	Weight (Kg/m)	2.404	2.47 ± 3 %	IS :1786-2008,RA-2013	Yes
2	Tensile Strength(N/mm ²)	711.62	600 Min	IS :1608 (Part-1) 2018	Yes
3	Yield Stress(N/mm ²)	605.48	550 Min	IS :1608 (Part-1) 2018	Yes
4	TS/YS Ratio	1.18	≥1.08	IS :1608 (Part-1) 2018	Yes
5	% Elongation (at 5.65vA, G.L.)	24.84	14.50 Min	IS :1608 (Part-1) 2018	Yes
6	Bend Test	Satisfactory	No Crack	IS :1599-2012,RA-2017	Yes
7	Rebend Test	Satisfactory	No Crack	IS :1786-2008,RA-2013	Yes

Chemical Test :-

1	Carbon %	0.187	0.25 Max	ASTM E-415-17	Yes
2	Sulphur %	0.0236	0.040 Max	ASTM E-415-17	Yes
3	Phosphorus %	0.0322	0.040 Max	ASTM E-415-17	Yes
4	Sulphur + Phosphorus %	0.0558	0.075 Max	ASTM E-415-17	Yes

Remark :- The Above test Parameters meet the requirement as per IS 1786 : 2008 RA 2013 for
Gr. Fe 550D

*** End of Report***

Narinder Khullar
NARINDER KHULLAR
TM/QM
AUTHORIZED SIGNATORY



Note: (1) The above results are related only to the tests performed on the sample. Endorsement of product is neither inferred nor implied. (2) This report is not to be reproduced wholly or in part & forbidden to be used as an evidence in the court of law & ought not to be used in any advertising media without our special permission in writing. (3) Samples will be destroyed after 90 days from the date of reporting unless otherwise specified. (4) Total liability of our laboratory is limited to the invoiced amount. (5) Report refers to the sample received by Cosmo Analytical Lab, unless mentioned otherwise.

TEST CERTIFICATE

Date : 02-12-2021

COSMO ANALYTICAL LAB

C-423, SEC-10 NOIDA (U.P) 201301

sample Identification : STEEL TMT 20 MM,

Part description :

Part Number :

Machine : Universal Testing Machine 1000 kN

Input Data File Name : CAL21K341-5 , Record No. : 1

Sample Type : TMT

Area : 306.200 mm²

Length : 545.0 mm

Weight : 1.310 kg , Weight/meter : 2.404 kg

Gauge Length : 100 mm

Final Gauge Length: 124.84 mm

Results of Tension Test

Maximum Force (Fm) : 217.900 kN

Elongation : 24.840 %

Disp. at Fm : 50.2 mm

Yield Load : 185.400 kN

Max. Disp. : 60.600 mm

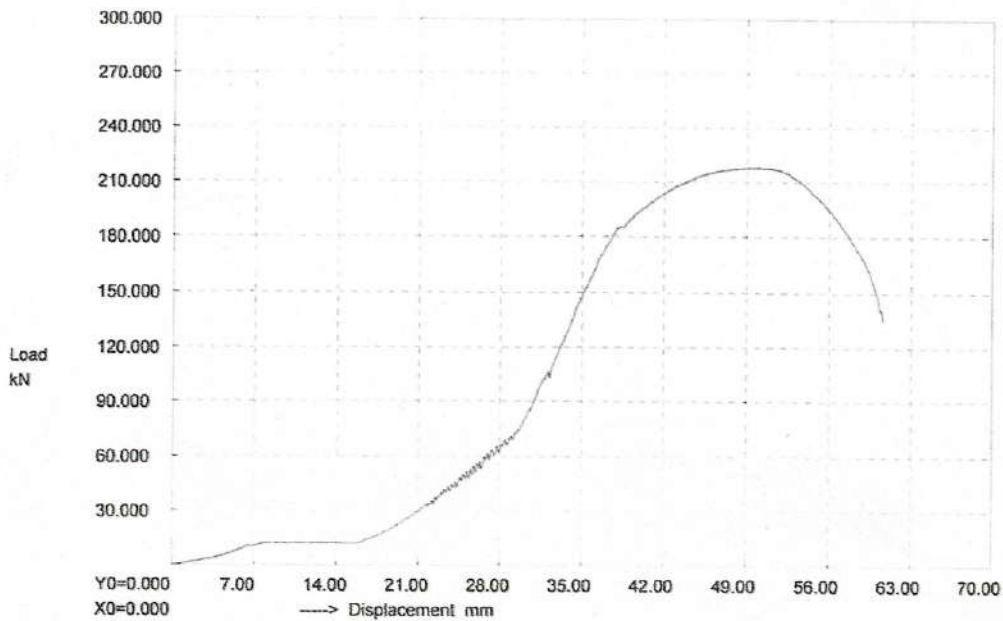
Yield Strength (Re) : 605.487 N/mm²

c/s Area (So) : 306.200 mm²

Tensile strength (Rm) : 711.627 N/mm²

* Note : Yield Calculated From Graph

Graph : Load Vs Displacement



TESTED BY

INSPECTED BY

WITNESSED BY



TEST REPORT

Format No. CAL/7.8F-01 (Issue 01 dated 01.04.2019; Rev 00 dated --)

Job Order No:	CAL21K341-6	ULR NO:	TC637921000010151 F
Customer Name & Address:	ATS TOWNSHIP PVT LTD, BISRAKH, GREATER NOIDA	Issue Date:	02.12.2021
		Page Number:	01 of 01
Sample Description:	STEEL TMT 25MM, MAKE -EMBOSSSED ON STEEL IS RAPID FE 550D	Sample Receipt Date:	30.11.2021
Customer Ref No./Dated:	8201	Sample Drawn By:	Customer
Discipline:	Chemical /Mechanical Testing	Group:	Metals & Alloys

Agency Name: Shree Shakti Steel

Lab Code- CAL21K341-6

Testing Date :- 02.12.2021

Mechanical Test :-

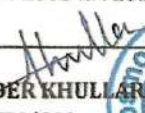
S.No.	Test Parameter	Result	Requirement	Test Method	Conformity
1	Weight (Kg/m)	3.755	3.85 ± 3 %	IS :1786-2008,RA-2013	Yes
2	Tensile Strength(N/mm ²)	732.40	600 Min	IS :1608 (Part-1) 2018	Yes
3	Yield Stress(N/mm ²)	618.03	550 Min	IS :1608 (Part-1) 2018	Yes
4	TS/YS Ratio	1.19	≥1.08	IS :1608 (Part-1) 2018	Yes
5	% Elongation (at 5.65VA, G.L.)	23.84	14.50 Min	IS :1608 (Part-1) 2018	Yes
6	Bend Test	Satisfactory	No Crack	IS :1599-2012,RA-2017	Yes
7	Rebend Test	Satisfactory	No Crack	IS :1786-2008,RA-2013	Yes

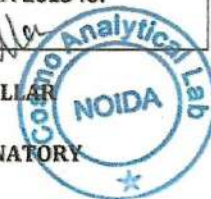
Chemical Test :-

1	Carbon %	0.186	0.25 Max	ASTM E-415-17	Yes
2	Sulphur %	0.0241	0.040 Max	ASTM E-415-17	Yes
3	Phosphorus %	0.0299	0.040 Max	ASTM E-415-17	Yes
4	Sulphur + Phosphorus %	0.0540	0.075 Max	ASTM E-415-17	Yes

Remark :- The Above test Parameters meet the requirement as per IS 1786 : 2008 RA 2013 for Gr. Fe 550D

*** End of Report***


NARINDER KHULLAR
 TM/QM
 AUTHORIZED SIGNATORY



Note: (1) The above results are related only to the tests performed on the sample. Endorsement of product is neither inferred nor implied. (2) This report is not to be reproduced wholly or in part & forbidden to be used as an evidence in the court of law & ought not to be used in any advertising media without our special permission in writing. (3) Samples will be destroyed after 90 days from the date of reporting unless otherwise specified. (4) Total liability of our laboratory is limited to the invoiced amount. (5) Report refers to the sample received by Cosmo Analytical Lab, unless mentioned otherwise.

TEST CERTIFICATE

Date : 02-12-2021

COSMO ANALYTICAL LAB
C-423, SEC-10 NOIDA (U.P) 201301

sample identification : STEEL TMT 25 MM,
Part description :
Part Number :
Machine : Universal Testing Machine 1000 kN

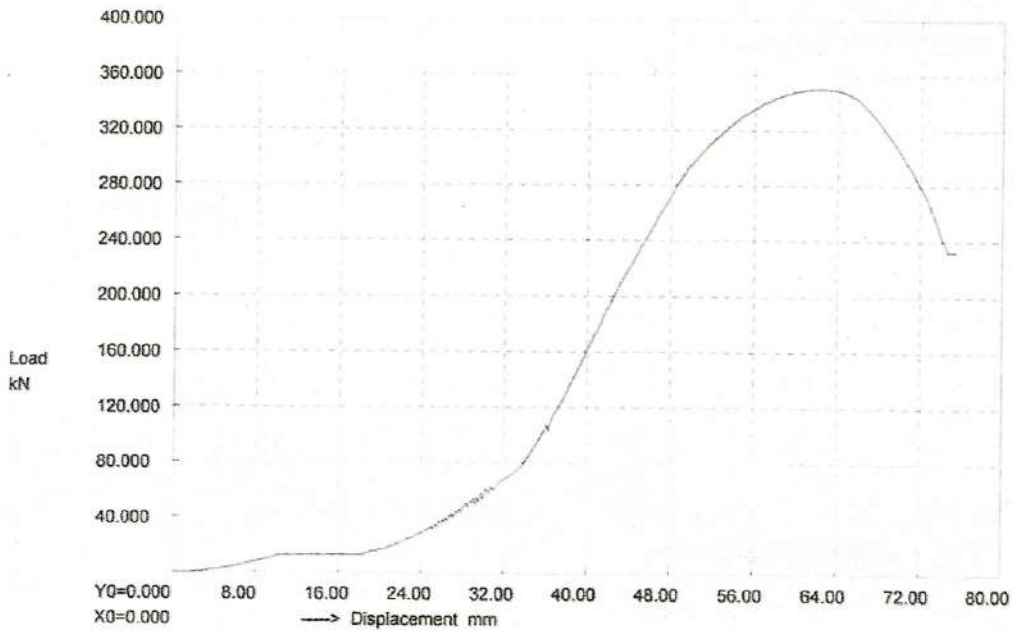
Input Data File Name : CAL21K341-6 , Record No. : 1
Sample Type : TMT , Area : 478.290 mm²
Length : 546.0 mm , Weight : 2.050 kg , Weight/meter : 3.755 kg
Gauge Length : 125 mm , Final Gauge Length: 154.8 mm

Results of Tension Test

Maximum Force (Fm) : 350.300 kN	Elongation : 23.840 %
Disp. at Fm : 62.8 mm	Yield Load : 295.600 kN
Max. Disp. : 75.600 mm	Yield Strength (Re) : 618.035 N/mm ²
c/s Area (So) : 478.290 mm ²	
Tensile strength (Rm) : 732.400 N/mm ²	

* Note : Yield Calculated from graph

Graph : Load Vs Displacement



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Handwritten signature

TEST REPORT

Format No. CAL/7.8F-01 (Issue 01 dated 01.04.2019; Rev 00 dated --)

Job Order No:	CAL21K341-1	ULR NO:	TC637921000010146 F
Customer Name & Address:	ATS TOWNSHIP PVT LTD, BISRAKH, GREATER NOIDA	Issue Date:	02.12.2021
Sample Description:	STEEL TMT 8MM, MAKE -EMBOSSSED ON STEEL IS RAPID FE 550D	Page Number:	01 of 01
Customer Ref No./Dated:	8201	Sample Receipt Date:	30.11.2021
Discipline:	Chemical /Mechanical Testing	Sample Drawn By:	Customer
		Group:	Metals & Alloys

Agency Name: Shree Shakti Steel

Lab Code- CAL21K341-1

Testing Date :- 02.12.2021

Mechanical Test :-

S.No.	Test Parameter	Result	Requirement	Test Method	Conformity
1	Weight (Kg/m)	0.394	0.395 ± 7 %	IS :1786-2008,RA-2013	Yes
2	Tensile Strength(N/mm ²)	644.72	600 Min	IS :1608 (Part-1) 2018	Yes
3	Yield Stress(N/mm ²)	560.15	550 Min	IS :1608 (Part-1) 2018	Yes
4	TS/YS Ratio	1.15	≥1.08	IS :1608 (Part-1) 2018	Yes
5	% Elongation (at 5.65VA, G.L.)	23.90	14.50 Min	IS :1608 (Part-1) 2018	Yes
6	Bend Test	Satisfactory	No Crack	IS :1599-2012,RA-2017	Yes
7	Rebend Test	Satisfactory	No Crack	IS :1786-2008,RA-2013	Yes

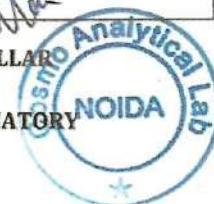
Chemical Test :-

1	Carbon %	0.211	0.25 Max	ASTM E-415-17	Yes
2	Sulphur %	0.0349	0.040 Max	ASTM E-415-17	Yes
3	Phosphorus %	0.0358	0.040 Max	ASTM E-415-17	Yes
4	Sulphur + Phosphorus %	0.0707	0.075 Max	ASTM E-415-17	Yes

Remark :- The Above test Parameters meet the requirement as per IS 1786 : 2008 RA 2013 for Gr. Fe 550D

*** End of Report***

Narinder Khullar
NARINDER KHULLAR
 TM/QM
 AUTHORIZED SIGNATORY



Note: (1) The above results are related only to the tests performed on the sample. Endorsement of product is neither inferred nor implied. (2) This report is not to be reproduced wholly or in part & forbidden to be used as an evidence in the court of law & ought not to be used in any advertising media without our special permission in writing. (3) Samples will be destroyed after 90 days from the date of reporting unless otherwise specified. (4) Total liability of our laboratory is limited to the invoiced amount. (5) Report refers to the sample received by Cosmo Analytical Lab, unless mentioned otherwise.

TEST CERTIFICATE

Date : 02-12-2021

COSMO ANALYTICAL LAB

C-423, SEC-10 NOIDA (U.P) 201301

sample Identification : STEEL TMT 8 MM,

Part description :

Part Number :

Machine : Universal Testing Machine 1000 kN

Input Data File Name : CAL21K341-1 , Record No. : 1

Sample Type : TMT

Area : 50.254 mm²

Length : 545.0 mm

Weight : 0.215 kg , Weight/meter : 0.394 kg

Gauge Length : 40 mm

Final Gauge Length: 49.56 mm

Results of Tension Test

Maximum Force (Fm) : 32.400 kN

Elongation : 23.900 %

Disp. at Fm : 32.4 mm

Yield Load : 28.150 kN

Max. Disp. : 38.900 mm

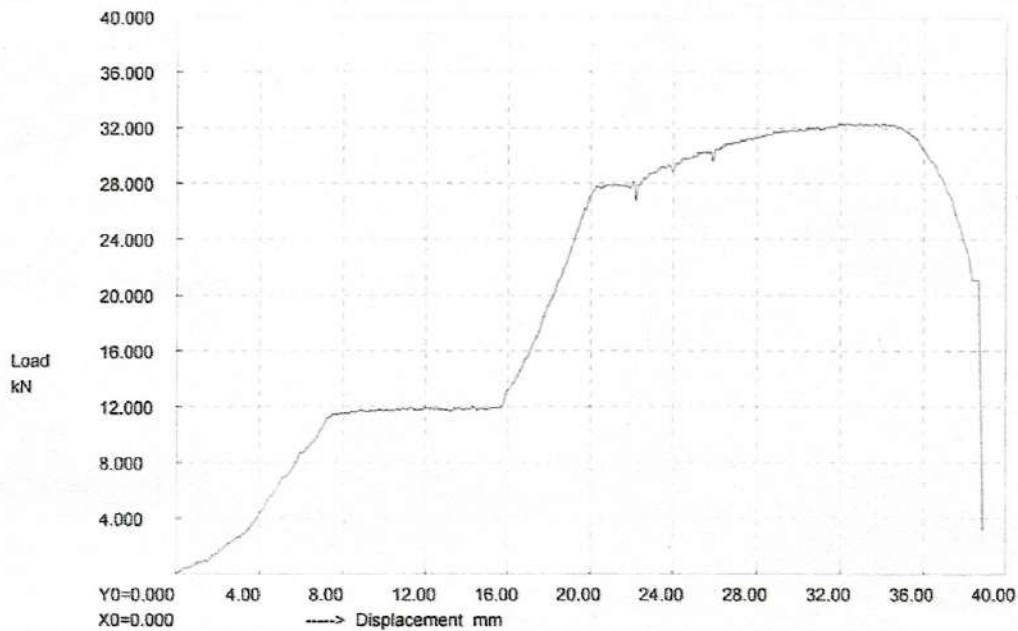
Yield Strength (Re) : 560.152 N/mm²

c/s Area (So) : 50.254 mm²

Tensile strength (Rm) : 644.722 N/mm²

* Note : Yield Calculated from graph

Graph : Load Vs Displacement



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TEST REPORT

Format No. CAL/7.8F-01 (Issue 01 dated 01.04.2019; Rev 00 dated --)

Job Order No:	CAL21K341-2	ULR NO:	TC637921000010147 F
Customer Name & Address:	ATS TOWNSHIP PVT LTD, BISRAKH, GREATER NOIDA	Issue Date:	02.12.2021
		Page Number:	01 of 01
Sample Description:	STEEL TMT 10MM, MAKE -EMBOSSSED ON STEEL IS RAPID FE 550D	Sample Receipt Date:	30.11.2021
Customer Ref No./Dated:	8201	Sample Drawn By:	Customer
Discipline:	Chemical /Mechanical Testing	Group:	Metals & Alloys

Agency Name: Shree Shakti Steel

Lab Code- CAL21K341-2

Testing Date :- 02.12.2021

Mechanical Test :-

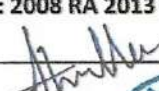
S.No.	Test Parameter	Result	Requirement	Test Method	Conformity
1	Weight (Kg/m)	0.583	0.617 ± 7 %	IS :1786-2008,RA-2013	Yes
2	Tensile Strength(N/mm ²)	760.24	600 Min	IS :1608 (Part-1) 2018	Yes
3	Yield Stress(N/mm ²)	664.62	550 Min	IS :1608 (Part-1) 2018	Yes
4	TS/YS Ratio	1.14	≥1.08	IS :1608 (Part-1) 2018	Yes
5	% Elongation (at 5.65VA, G.L.)	23.72	14.50 Min	IS :1608 (Part-1) 2018	Yes
6	Bend Test	Satisfactory	No Crack	IS :1599-2012,RA-2017	Yes
7	Rebend Test	Satisfactory	No Crack	IS :1786-2008,RA-2013	Yes

Chemical Test :-

1	Carbon %	0.216	0.25 Max	ASTM E-415-17	Yes
2	Sulphur %	0.0351	0.040 Max	ASTM E-415-17	Yes
3	Phosphorus %	0.0353	0.040 Max	ASTM E-415-17	Yes
4	Sulphur + Phosphorus %	0.0704	0.075 Max	ASTM E-415-17	Yes

Remark :- The Above test Parameters meet the requirement as per IS 1786 : 2008 RA 2013 for Gr. Fe 550D

*** End of Report***


NARINDER KHULLAR
 TM/QM
 AUTHORIZED SIGNATORY



TEST CERTIFICATE

Date : 02-12-2021

COSMO ANALYTICAL LAB

C-423, SEC-10 NOIDA (U.P) 201301

sample Identification : STEEL TMT 10 MM,

Part description :

Part Number :

Machine : Universal Testing Machine 1000 kN

Input Data File Name : CAL21K341-2 , Record No. : 1

Sample Type : TMT

Area : 74.252 mm²

Length : 549.0 mm

Weight : 0.320 kg , Weight/meter : 0.583 kg

Gauge Length : 50 mm

Final Gauge Length: 61.86 mm

Results of Tension Test

Maximum Force (Fm) : 56.450 kN

Elongation : 23.720 %

Disp. at Fm : 35.0 mm

Yield Load : 49.350 kN

Max. Disp. : 41.000 mm

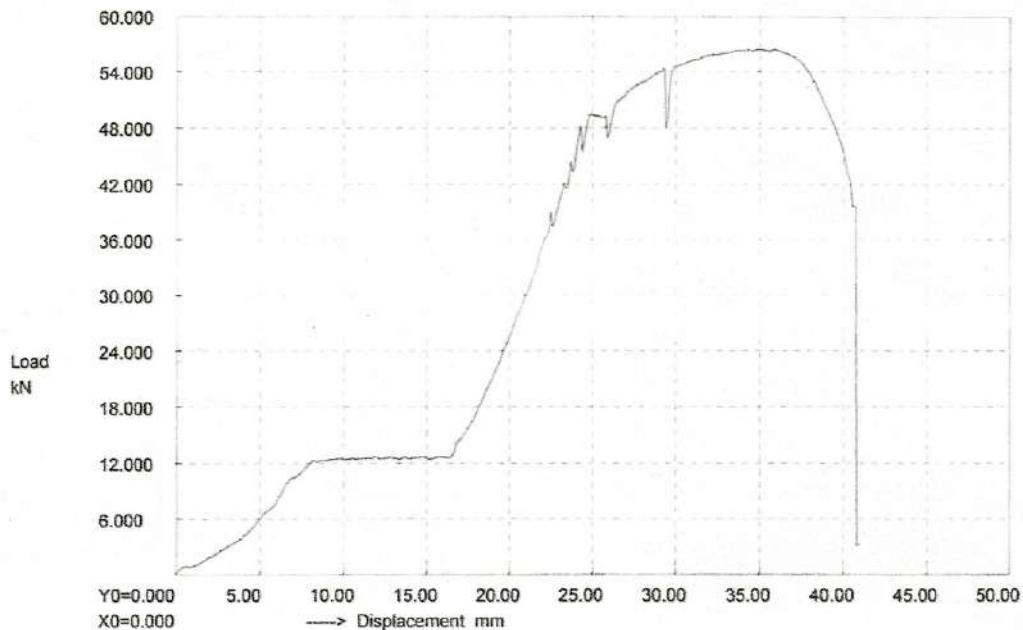
Yield Strength (Re) : 664.629 N/mm²

c/s Area (So) : 74.252 mm²

Tensile strength (Rm) : 760.249 N/mm²

* Note : Yield Calculated from graph

Graph : Load Vs Displacement



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WITNESSED BY



Report No. C/IGI/FST225760/21-22/25824
INSTRUCTION RECEIVED AND ATTENDANCE:

DATE : 17.01.2022

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 07.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE														
SBF RAPID TMT BARS							Product	:	SBF RAPID TMT BAR					
							Standard	:	IS 1786: 2008					
							Grade	:	FE 550 D					
SIZE	HEAT NO.			Ref MTC no.			Packing	:	Straight Bundle					
8 MM	4 SR 6 B			IGI/SBF/304			Mill Test report No.	:	5112-6					
MILL TEST RESULT														
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPERTIES				
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm2	Tensile Strength N/mm2	Elongation %	Bend Test	
4 SR 6 B	NILL	0.242	0.0335	0.0287	0.504	0.0622	0.325	1	0.392	617	691	17.50	OK	
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us												

1) Universal Testing Machine :-

- a) Serial No.: 3/2021-6573
- b) Date of Calibration :- 28.08.2021
- c) Validity of Calibration : 26.08.2022

2) Spectrometer Machine :-

- a) Serial No. : 20009741
- b) Date of Calibration : 14.12.2021
- c) Validity of Calibration : 13.03.2022

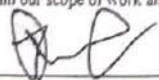
Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that Inspected cargo shall be free from defects of all characteristics under Inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection.

The contents of the inspection report/certificate shall not be reproduced either in full or in part without prior written approval of the issuing authority. Any forgery, modification or misuse of our certificate is strictly forbidden and makes the offender liable to be prosecuted.

Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD



INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector -N
 Kolkata-700091, India
 Tel- +91 33 6644 6600
 www.bureauveritas.com

Report No. C/IGI/FST225760/21-22/25607

DATE : 13.01.2022

INSTRUCTION RECEIVED AND ATTENDANCE:

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 11.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE													
SBF ISPAT TMT BARS				Product	:	SBF ISPAT TMT BAR							
				Standard	:	IS 1786: 2008							
				Grade	:	FE 500 D							
SIZE	HEAT NO.		Ref MTC no.	Packing	:	Straight Bundle							
10 MM	31 SR 4B		IGI/SBF/135	Mill Test report No.	:	5257-1							
10 MM					:	5257-2							
MILL TEST RESULT													
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPOERTIES			
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm2	Tensile Strength N/mm2	Elongation %	Bend Test
31 SR 4B	NILL	0.234	0.0444	0.0316	0.472	0.0760	0.313	1	0.587	595	689	20.00	OK
31 SR 4B	NILL	0.241	0.0393	0.0294	0.469	0.0687	0.319	2	0.590	571	672	23.60	OK
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us											


Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that Inspected cargo shall be free from defects of all characteristics under Inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection.

The contents of the inspection report/certificate shall not be reproduced either in full or in part without prior written approval of the issuing authority. Any forgery, modification or misuse of our certificate is strictly forbidden and makes the offender liable to be prosecuted.

Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD



INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector -V
 Kolkata-700091, India
 Tel- +91 33 6644 6600
 www.bureauveritas.com

Report No. C/IGI/FST225760/21-22/25829

DATE : 17.01.2022

INSTRUCTION RECEIVED AND ATTENDANCE:

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 06.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE													
SBF RAPID TMT BARS				Product	:	SBF RAPID TMT BAR							
				Standard	:	IS 1786: 2008							
				Grade	:	FE 550 D							
SIZE	HEAT NO.		Ref MTC no.	Packing	:	Straight Bundle							
12 MM	12 S R 5 A		IGI/SBF/165	Mill Test report No.	:	5326-1							
12 MM					:	5326-2							
MILL TEST RESULT													
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPERTIES			
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm2	Tensile Strength N/mm2	Elongation %	Bend Test
12 SR 5A	NILL	0.200	0.0301	0.0268	0.433	0.0569	0.272	1	0.851	553	640	20.00	OK
12 SR 5 A	NILL	0.214	0.0331	0.0281	0.440	0.0612	0.287	2	0.855	568	647	19.50	OK
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us											

1) Universal Testing Machine :-

- a) Serial No.: 3/2021-6573
- b) Date of Calibration :- 28.08.2021
- c) Validity of Calibration : 26.08.2022

2) Spectrometer Machine :-

- a) Serial No. : 20009741
- b) Date of Calibration : 14.12.2021
- c) Validity of Calibration : 13.03.2022

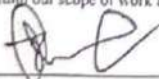
Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that Inspected cargo shall be free from defects of all characteristics under Inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection.

The contents of the inspection report/certificate shall not be reproduced either in full or in part without prior written approval of the issuing authority. Any forgery, modification or misuse of our certificate is strictly forbidden and makes the offender liable to be prosecuted.

Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD


INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector -V
 Kolkata-700091, India
 Tel- +91 33 6644 6600
 www.bureauveritas.com

DATE : 17.01.2022

Report No. C/IGI/FST225760/21-22/25875
INSTRUCTION RECEIVED AND ATTENDANCE:

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 14.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE														
SBF RAPID TMT BARS								Product	:	SBF RAPID TMT BAR				
								Standard	:	IS 1786: 2008				
								Grade	:	FE 550 D				
SIZE	HEAT NO.		Ref MTC no.			Packing	:	Straight Bundle						
16 MM	14 SR 8A		IGI/SBF/184			Mill Test report No.	:	5545						
16 MM							:	5544						
MILL TEST RESULT														
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPERTIES				
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm ²	Tensile Strength N/mm ²	Elongation %	Bend Test	
14 SR 8A	NILL	0.217	0.0369	0.0301	0.558	0.0670	0.310	1	1.535	589	691	18.0	OK	
14 SR 8A	NILL	0.212	0.0327	0.0282	0.549	0.0609	0.303	2	1.522	568	671	18.37	OK	
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us												

- | | |
|---|---|
| 1) Universal Testing Machine :- | 2) Spectrometer Machine :- |
| a) Serial No.: 3/2021-6573 | a) Serial No. : 20009741 |
| b) Date of Calibration :- 28.08.2021 | b) Date of Calibration : 14.12.2021 |
| c) Validity of Calibration : 26.08.2022 | c) Validity of Calibration : 13.03.2022 |

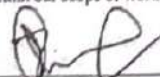
Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that inspected cargo shall be free from defects of all characteristics under inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection

The contents of the inspection report/certificate shall not be reproduced either in full or in part without prior written approval of the issuing authority. Any forgery, modification or misuse of our certificate is strictly forbidden and makes the offender liable to be prosecuted.

Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD


INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector -V
 Kolkata-700091, India
 Tel: +91 33 6644 6600
 www.bureauveritas.com

DATE : 14.01.2022

Report No. C/IGI/FST225760/21-22/25691
INSTRUCTION RECEIVED AND ATTENDANCE:

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 10.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE													
SBF RAPID TMT BARS			Product	:	SBF ISPAT TMT BAR								
			Standard	:	IS 1786: 2008								
			Grade	:	FE 550 D								
SIZE	HEAT NO.	Ref MTC no.	Packing	:	Straight Bundle								
25 MM	10 SR 8B	IGI/SBF/132	Mill Test report No.	:	5239								
25 MM				:	5240								
MILL TEST RESULT													
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPOERTIES			
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm2	Tensile Strength N/mm2	Elong ation %	Bend Test
10 SR 8B	NILL	0.223	0.0311	0.0294	0.631	0.0605	0.328	1	3.801	579	692	15.84	OK
10 SR 8B	NILL	0.223	0.0391	0.0341	0.653	0.0732	0.332	2	3.798	593	694	16.08	OK
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us											

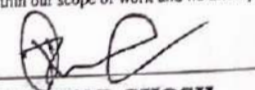
Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that Inspected cargo shall be free from defects of all characteristics under Inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection.

The contents of the inspection report/certificate shall not be reproduced either in full or in part without prior written approval of the issuing authority. Any forgery, modification or misuse of our certificate is strictly forbidden and makes the offender liable to be prosecuted.

Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD


INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector - V
 Kolkata-700091, India
 Tel- +91 33 6644 6600
 www.bureauveritas.com

Report No. C/IGI/FST225760/21-22/25692

DATE : 14.01.2022

INSTRUCTION RECEIVED AND ATTENDANCE:

In accordance with instructions received from our Principal M/s SBF ISPAT PVT. LTD. We Inspectorate Griffith India Pvt. Ltd., attended the Process of manufacturing and Pre-shipment Inspection and Witness of Testing of TMT Bar on 11.01.2022 as supplied by manufacturing unit, Bhiwadi, Rajasthan. Based on routine checkup on predefined checkpoints followed by random sampling and witnessing the test, the results obtained are as below:

MILL TEST CERTIFICATE														
SBF RAPID TMT BARS								Product	:	SBF ISPAT TMT BAR				
								Standard	:	IS 1786: 2008				
								Grade	:	FE 550 D				
SIZE	HEAT NO.		Ref MTC no.			Packing		:	Straight Bundle					
32 MM	12 SR 4A		IGI/SBF/133			Mill Test report No.		:	5226-3					
32 MM								:	5226-5					
MILL TEST RESULT														
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPERTIES				
		C %	S %	P %	Mn %	S+P %	CE %			Yield Stress N/mm2	Tensile Strength N/mm2	Elongation %	Bend Test	
12 SR 4A	NILL	0.161	0.0314	0.0339	0.660	0.0653	0.271	1	6.168	576	677	20.00	OK	
12 SR 4A	NILL	0.164	0.0353	0.0357	0.688	0.0710	0.278	2	6.170	583	684	16.68	OK	
Remark		Samples were drawn from the subject Heat/lot at the time of drawing of bar during production. The subject sample was analysed by the plant in their in-house facility and the same was witnessed by us												

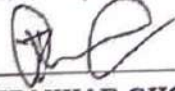
Note:- Re bend of TMT Bar could not checked because testing facility is not available in the Plant.

All Visual Inspection has its own limitations. While due care and attention is given at the time of visual inspection of the cargo, there is no guarantee /100% confirmation that Inspected cargo shall be free from defects of all characteristics under Inspection.

The report/certificate reflects our findings on the date, time & place of the inspection within the limit of our client's instruction & does not refer to any other matter. This report/certificate is issued without prejudice and not intended to relieve the supplier/shipper/buyer/any other parties from any obligation under contract with their principal client. The inspection result is related exclusively to the sample collected during sampling from commodity identified by our client at the time of inspection.

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Data related to ownership and title of goods or transport documents are provided by clients and accepted at face value. Checking the authenticity of these are not within our scope of work and no attempt has been made on our part in this regard.


DIPANKAR GHOSH
 for and on behalf of
INSPECTORATE GRIFFITH INDIA PVT.LTD


INSPECTORATE
 Ecocentre, 16th Floor, Unit 1601
 Block - EM04, Salt Lake, Sector -V
 Kolkata-700091, India
 Tel- +91 33 6644 6600
 www.bureauveritas.com



TEST REPORT

JOB ORD NO: 2036201

T.R.NO. : SGS/GGNTI/SFBI/001

DATE: 27.09.2021

TMT BARS								Product : TMT BARS						
Size (Dia)	Total Qty (MT)	Inspection Date		Specification : IS 1786:2008										
12 mm	123.490 MT	25.09.2021		Grade : Fe 550D										
				Packing : Straight - Bundle.										
				Internal TC Ref : Dtd. 21& 22.09.2021										
TEST RESULTS														
S.No.	HEAT NO/LOT NO.	CHEMICAL COMPOSITION						Sample No.	Sectional Weight (kg/m)	MECHANICAL PROPERTIES				
		C%	S%	P%	Mn%	S+P %	CE%			Yield Stress N/mm2	Tensile Strength N/mm2	TOTAL El. %	Ar Value	Bend / Reband Test
1	24SR2B	0.214	0.0265	0.0279	0.544	0.054	0.305	01	0.882	636	739	21.00	3.24	OK
2	24SR3B	0.138	0.0279	0.0276	0.487	0.056	0.219	02	0.848	625	685	17.50		OK
3	22SR1B	0.150	0.0241	0.0251	0.458	0.049	0.226	03	0.855	620	690	21.66		OK
4	23SR3A	0.172	0.0272	0.0266	0.464	0.054	0.249	04	0.852	627	692	18.33		OK
5	21SR5A	0.165	0.0259	0.0273	0.467	0.053	0.243	05	0.864	622	693	18.33	3.40	OK
6	22SR3A	0.157	0.0231	0.0269	0.496	0.050	0.240	06	0.873	631	697	18.33		OK
7	23SR4A	0.160	0.0256	0.0264	0.475	0.052	0.239	07	0.843	619	693	19.33		OK
8	24SR1A	0.205	0.0249	0.0265	0.542	0.051	0.295	08	0.842	627	729	17.50		OK
9	21SR3A	0.159	0.0257	0.0262	0.462	0.052	0.236	09	0.861	607	680	25.33	OK	
Remark		Length Required : 12 Meter **** Note: As per client instruction, we consider LOT NO 24 SR2B , Quantity – 15.800 MT as Fe 550D , on the basis of chemical and mechanical properties												

Remarks: Based on above, the material is certified to conform to IS 1786 Fe 550D. The material so certified along with review of mill test certificate confirms the production of this material under ISI by the Manufacturer M/s SBF ISPAT PVT Limited
 Calibration Certificates of equipment & Instruments used are reviewed and found to be in order
 In accordance with client's instructions, the company involvement has been limited to witnessing/observing a third party's laboratory/test house or other facilities and installations used for the intervention(s). The company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The company is not responsible for the condition of calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis result

For SGS INDIA PVT LTD

Lanjan Lalit

SGS India Private Limited
 SGS House
 4B Adi Shankaracharya Marg
 Vikhroli (W), Mumbai 400 083
 t: +91 22 6640 8888
 f: +91 22 6640 8833

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TEST REPORT

JOB ORD NO: 2036201

T.R.NO. : SGS/GGN/II/SFB/002
DATE: 27.09.2021

TMT BARS								Product		Specification		Grade		Packing		Internal TC Ref	
Size (Dia)	Total Qty (MT)	Inspection Date						: TMT BARS		: IS 1786:2008		: Fe 550D		: Straight - Bundle.		: Dtd. 20&21.09.2021	
16 mm	131.562 MT	25.09.2021															
TEST RESULTS																	
S.No.	HEAT NO/LOT NO.	CHEMICAL COMPOSITION						Sample No.	Sectional Weight (kg/m)	MECHANICAL PROPERTIES					Bend / Reband Test		
		C%	S%	P%	Mn%	S+P %	CE%			Yield Stress N/mm2	Tensile Strength N/mm2	TOTAL El. %	Ar Value				
1	145R3B	0.165	0.0237	0.0237	0.432	0.0474	0.237	01	1.532	590	667	18.75	3.88	OK			
2	175R1B	0.171	0.0285	0.0266	0.445	0.0551	0.245	02	1.539	595	676	19.37		OK			
3	155R2B	0.184	0.0313	0.0310	0.559	0.0623	0.277	03	1.524	605	719	15.75		OK			
4	165R1A	0.228	0.0294	0.0281	0.578	0.0575	0.324	04	1.515	606	720	15.50		OK			
5	165R4B	0.178	0.0244	0.0252	0.450	0.0496	0.253	05	1.527	643	713	15.00	3.24	OK			
6	155R1A	0.158	0.0216	0.0228	0.428	0.0444	0.229	06	1.535	587	668	23.12		OK			
Remark		Length Required : 12 Meter															

Remarks: Based on above, the material is certified to conform to IS 1786 Fe 550D. The material so certified along with review of mill test certificate confirms the production of this material under ISI by the Manufacturer M/s SBF ISPAT PVT Limited
Calibration Certificates of equipment & instruments used are reviewed and found to be in order
In accordance with client's instructions, the company involvement has been limited to witnessing/observing a third party's laboratory/test house or other facilities and installations used for the intervention(s). The company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The company is not responsible for the condition of calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis result



For SGS INDIA PVT LTD

SGS India Private Limited
SGS House
4B Adi Shankaracharya Marg
Vikhroli (W), Mumbai 400 083
t: +91 22 6640 8888
f: +91 22 6649 8833

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Test Certificate

Party Name: KRISHNA BUILDSTATE
AIPL AUTOGRAPH
SECTOR-66
GURUGRAM

Date : 05/01/2022

Job Order No.: 201-611-0232

Reference No.:

Date: 05.01.2022

Sample Particulars: ONE SAMPLE OF TMT BAR Ø32MM WAS RECEIVED

Results

ULR - TC676422000000138F

(As per IS:1786-2008,Fe-550D)
(Protocol :- IS : 1608 : 2018 , IS: 1599 : 2019)

TEST	OBSERVATION	REQUIREMENT	CONFORMITY
DIA FOR 32MM DIA			
CHEMICAL ANALYSIS (By Emission Spectrometer)			
1 Carbon	0.159	0.250 MAX PV + .020	YES
2 Sulphur	0.037	0.040 MAX PV + .005	YES
3 Phosphorus	0.028	0.040 MAX PV + .005	YES
4 Sulphur+Phosphorus	0.065	0.075 MAX PV + .010	YES
PHYSICAL TESTS			
1 Ultimate Tensile Strength (N / mm ²)	750	8% MORE THAN THE ACTUAL 0.2% PROOF STRESS BUT NOT LESS THAN 600	YES
2 0.2 % Proof Stress/Yield Stress (N/mm ²)	631	550 MIN	YES
3 Elongation (%) (GL 5.65 / area)	16.40	14.5 MIN	YES
4 Bend Test	SATISFACTORY	TO BE SATISFACTORY	YES
5 Rebend test	SATISFACTORY	TO BE SATISFACTORY	YES
6 Mass Per Meter run (kg) (Batch)	6.47	6.31 ± 3%	YES
7 Deformation & surface characteristics			
a. Mean rib area	7.38	5.44 MIN	YES
b. Mean Projected Area of transverse rib (mm ² /mm length)	7.38	1.81 MIN	YES



REMARK : The above sample conforms to IS:1786 - 2008 for grade Fe - 550D with respect to above test

*****End of Result*****

Date Of Receiving : 05.01.2022

Date Of Testing : 05.01.2022

1. Sample will be retained only for one month
2. The results listed refer only to the tested samples and applicable parameters.
Endorsement of product is neither inferred nor implied.
3. Total liability of our works is limited to invoiced amount.
4. This report can not be used as an evidence in a court of law without prior permission of laboratory.





NATIONAL TESTING LABORATORY PVT. LTD.

Plot No. 83/14, Street No. 1, Opp. Metro Pillar No. 557
 Udyog Nagar, Mundka Industrial Area, New Delhi-110041
 Ph. : 011-28343761-65 (5 Lines), Email : ntl Delhi@yahoo.co.in
 Visit us : www.nationaltestinglaboratory.net

F.No. FO1 (7.8)

TEST-REPORT

Issued to:
 M/s. SBF ISPAT IVT LTD.
 Plot No-F 109-117 & G143-151,
 General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

Report No. : 210825GEN00004701
 Report Date : 13/09/2021
 Your Ref. No. : Nil
 Date of Receipt : 25/08/2021

Particulars of Sample Submitted

1. Sample Description : TMT Steel Bar 32mm.
2. Sample Code : 10151165/2021/SS/5
3. Referred Specification/Standard : IS 1786:2008
4. Grade/Type/Variety/Class/Size/Rating :

Component	Value
Variety	TMT Steel Bar
Type	500 D
Size	32mm
5. Lab Type : OSL Lab
6. QR Code Number : 100000054401
7. Declared Value : 1000
8. Test Required : All
9. Sample Quantity :

1 Mtr x 6 Pc (TMT steel bar 32mm dia)
 1 Mtr x 3 Pc (Plain bar 32mm dia)
 100 mm x 6 Pc (TMT steel bar 32mm dia)
10. Batch No./Control Unit No. : 001
11. Date of Manufacturing : 23/08/2021
12. Job Order No. : 210825GEN00004701
13. Sample Receive Date : 25/08/2021
14. Test Started : 26/08/2021
15. Test Completed On : 13/09/2021
16. Shelf Life/Expiry/Best Before : NA
17. Mode of Disposal : To be disposed Off

M. S. B. F. I. S. P. A. T. I. V. T. L. T. D.
 Lab Incharge

N. J. H. A.
 Quality Manager
 Authorised Signatory

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- (2) Total liability of our Lab is limited to the invoiced amount.
- (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
- (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing
- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.



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Ph. : 011-28343761-65 (5 Lines), Email : ntidelhi@yahoo.co.in
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F.No. FO1 (7.8)

TEST-REPORT

Issued to:
M/s. SBF ISPAT LVT LTD,
Plot No-F 109-117 & G143-151,
General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

Report No. : 210825GEN00004701
Report Date : 13/09/2021
Your Ref. No. : Nil
Date of Receipt : 28/08/2021

S. No	Test	Test Method	Result	Requirement IS 1786:2008, Upto Amnd.-4 Grade Fe-500 D
13.	Rebend test (Cl. 9.4, Table-9.4.1)	IS 1786:2008	Satisfactory	There is no rupture or cracks visible on the rebent portion.
14.	Length (Cl. 7.1)mm	IS 1786:2008	1010	1000+75 -25
15.	Nominal Mass, kg/mtr. (Cl.6.3, T-1 & T-2)	IS 1786:2008	6.313	6.310±3%
16.	Bond Requirements (Cl. 5)	IS 1786:2008		
(i)	Mean Projected RIB Area Per Unit Length (mm ² per mm)		5.98	5.44 Min.
(ii)	Mean projected Area of Transverse RIBS, mm ²		5.98	1.81 Min.
17.(i)	Continuity of longitudinal RIB in untwisted bar (Cl. 5.3)	IS 1786:2008	Continuous	Continuous or discontinuous
(ii)	Distance uniformity of transverse RIB in untwisted bar (Cl. 5.3)	IS 1786:2008	Satisfactory	Substantially uniform distance
18.	Surface Defects Test, (Cl. 4.3)	IS 1786:2008	Satisfactory	Shall be sound and free from surface defects.
19.	Bond Strength, (by Pull out test) At Slippage, kg/cm ² (Cl. 5.7)	IS 2770 (Pt-1):2002	Plain Bar TMT Bar	
(i)	At 0.025mm			
(ii)	At 0.25mm			
(iii)	% of variation between deforms bar & plain bar At 0.025mm		Awaited	Deformed bar shall exceed that of a plain round bar of the same nominal size by 40 %
(iv)	% of variation between deforms bar & plain bar At 0.25mm		Awaited	Deformed bar shall exceed that of a plain round bar of the same nominal size by 80 %

Remarks:- The sample conforms to IS 1786:2008, upto Amd-4, for TMT steel bar-32mm dia, Grade-500D except Pull Out test with respect to above test.

S.C

End of Report

Page: 3/3

[Signature]
Lab Incharge

[Signature]
Authorised Signatory

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F.No. FO1 (7.8)

TEST-REPORT

Issued to:
M/s. SBF ISPAT LVT LTD.
Plot No-F 109-117 & G143-151,
General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

Report No. : 210825GEN00004701
Report Date : 13/09/2021
Your Ref. No. : Nil
Date of Receipt : 28/08/2021

Sample Description :- TMT Steel Bar 32mm.

S. No	Test	Test Method	Result	Requirement IS 1786:2008, Upto Amnd.-4 Grade Fe-500D
(A)	Chemical Parameters			
1.	Carbon, % by mass (Cl. 4.2)	IS 228(Part-1):1987	0.19	0.25 Max.
2.	Phosphorus, % by mass (Cl. 4.2)	IS 228(Part-3):1987	0.027	0.040 Max.
3.	Sulphur, % by mass (Cl. 4.2)	IS 228(Part-9):1989	0.030	0.040 Max.
4.	Sulphur + Phosphorous, % by mass, (Cl. 4.2)	IS 1786:2008	0.057	0.075 Max.
5.	Carbon Equivalent, % by mass (Cl. 4.2, Note-1)	IS 1786:2008	0.308	0.50 Max.
6.	Nitrogen, % by mass (Cl. 4.2, Note-4)	IS 228(Part-19):1998	0.007	Not Exceed 0.012
7.	Micro Alloying Elements (Cl. 4.2, Note-2)			
(i)	Niobium, % by mass	IS 8811:1998	<0.002	0.30 Max.
(ii)	Vanadium, % by mass	IS 8811:1998	0.003	
(iii)	Boron, % by mass	IS 8811:1998	0.002	
(iv)	Titanium, % by mass	IS 8811:1998	0.006	
(B)	Mechanical Parameters			
8.	Yield Stress, N/mm ² (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	628.0	500.0 Min
9.	Tensile Strength, N/mm ² (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	749.0	565.0 Min
10.	TS/YS Ratio (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	1.19	≥1.10
11.	Elongation, % on Gauge Length 5.65 √C.S.A (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	21.7	16.0 Min.
12.	Bend test (Cl. 9.3, Table-4)	IS 1786-2008 & IS 1599-2019	Satisfactory	There is no rupture or cracks visible on the bent portion.

Page-2/3

Lab Incharge

Quality Manager

Authorised Signatory

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- Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

AN ISO 9001:2015 / BIS RECOGNISED LABORATORY



NATIONAL TESTING LABORATORY PVT. LTD.

F.No. FO1 (7.8)

Plot No. 83/14, Street No. 1, Opp. Metro Pillar No. 557
Udyog Nagar, Mundka Industrial Area, New Delhi-110041
Ph. : 011-28343761-65 (5 Lines), Email : ntdelhi@yahoo.co.in
Visit us : www.nationaltestinglaboratory.net

TEST-REPORT

Issued to:

M/s. SBF ISPAT LVT LTD.
Plot No-F 109-117 & G143-151,
General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

Report No. : 210828GEN00004712
Report Date : 13/09/2021
Your Ref. No. : Nil
Date of Receipt : 28/08/2021

Particulars of Sample Submitted

1. Sample Description : TMT Steel Bar 32mm.
2. Sample Code : 10151165/2021/SS/6
3. Referred Specification/Standard : IS 1786:2008
4. Grade/Type/Variety/Class/Size/Rating :

Component	Value
Variety	TMT Steel Bar
Type	550 D
Size	32mm
5. Lab Type : OSL Lab
6. QR Code Number : 100000054402
7. Declared Value : 1000
8. Test Required : All
9. Sample Quantity : 1 Mtr × 6 Pc (TMT steel bar 32mm dia)
1 Mtr × 3 Pc (Plain bar 32mm dia)
100 mm × 6 Pc (TMT steel bar 32mm dia)
10. Batch No./Control Unit No. : 001
11. Date of Manufacturing : 25/08/2021
12. Job Order No. : 210828GEN00004712
13. Sample Receive Date : 28/08/2021
14. Test Started : 29/08/2021
15. Test Completed On : 13/09/2021
16. Shelf Life/Expiry/Best Before : NA
17. Mode of Disposal : To be disposed Off

W. S. B. Jha
Lab Incharge

W. S. B. Jha
Jual Manager
Page:-1/3.

Authorised Signatory

- (1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
- (2) Total liability of our Lab is limited to the invoiced amount.
- (3) Samples will be destroyed after 90 days from the date of test report unless otherwise specified.
- (4) This report is not to be reproduced wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing
- (5) Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.



NATIONAL TESTING LABORATORY PVT. LTD.

Plot No. 83/14, Street No. 1, Opp. Metro Pillar No. 557
Udyog Nagar, Mundka Industrial Area, New Delhi-110041
Ph. : 011-28343761-65 (5 Lines), Email : ntdelhi@yahoo.co.in
Visit us : www.nationaltestinglaboratory.net

F.No. FO1 (7.8)

TEST-REPORT

Issued to:
M/s. SBF ISPAT LVT LTD.
Plot No-F 109-117 & G143-151,
General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

Report No. : 210828GEN00004712
Report Date : 13/09/2021
Your Ref. No. : Nil
Date of Receipt : 28/08/2021

Sample Description :- TMT Steel Bar 32mm dia.

S. No	Test	Test Method	Result	Requirement IS 1786:2008, Upto Amnd.-4 Grade Fe-550D
(A)	Chemical Parameters			
1.	Carbon, % by mass (Cl. 4.2)	IS 228(Part-1):1987	0.22	0.25 Max.
2.	Phosphorus, % by mass (Cl. 4.2)	IS 228(Part-3):1987	0.028	0.040 Max.
3.	Sulphur, % by mass (Cl. 4.2)	IS 228(Part-9):1989	0.027	0.040 Max.
4.	Sulphur + Phosphorous, % by mass, (Cl. 4.2)	IS 1786:2008	0.055	0.075 Max.
5.	Carbon Equivalent, % by mass (Cl. 4.2, Note-1)	IS 1786:2008	0.345	0.61 Max.
6.	Nitrogen, % by mass (Cl. 4.2, Note-4)	IS 228(Part-19):1998	0.006	Not Exceed 0.012
7.	Micro Alloying Elements (Cl. 4.2, Note-2)			
(i)	Niobium, % by mass	IS 8811:1998	<0.002	0.30 Max.
(ii)	Vanadium, % by mass	IS 8811:1998	0.008	
(iii)	Boron, % by mass	IS 8811:1998	0.002	
(iv)	Titanium, % by mass	IS 8811:1998	0.008	
(B)	Mechanical Parameters			
8.	Yield Stress, N/mm ² (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	602.0	550.0 Min
9.	Tensile Strength, N/mm ² (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	734.0	600.0 Min
10.	TS/YS Ratio (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	1.21	≥1.08
11.	Elongation, % on Gauge Length 5.65 √C.S.A (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	20.0	14.5 Min.
12.	Bend test (Cl. 9.3, Table-4)	IS 1786-2008 & IS 1599-2019	Satisfactory	There is no rupture or cracks visible on the bent portion.

Page-2/3

CA. K. Jha
Lab Incharge

B. N. Jha
Quality Manager
Authorised Signatory

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AN ISO 9001:2015 / BIS RECOGNISED LABORATORY



NATIONAL TESTING LABORATORY PVT. LTD.

Plot No. 83/14, Street No. 1, Opp. Metro Pillar No. 557
Udyog Nagar, Mundka Industrial Area, New Delhi-110041
Ph. : 011-28343761-65 (5 Lines), Email : ntl@delhi@yahoo.co.in
Visit us : www.nationaltestinglaboratory.net

F.No. FO1 (7.8)

Issued to:

M/s. SBF ISPAT LVT LTD.

Plot No-F 109-117 & G143-151,

General industrial Area, Karoli, Alwar, Rajasthan, India-301707.

TEST-REPORT

Report No. : 210828GEN00004712

Report Date : 13/09/2021

Your Ref. No. : Nil

Date of Receipt : 28/08/2021

S. No	Test	Test Method	Result	Requirement IS 1786:2008, Upto Amd-4 Grade Fe-550 D
13.	Rebend test (CL 9.4, Table-9.4.1)	IS 1786:2008	Satisfactory	There is no rupture or cracks visible on the rebent portion.
14.	Length (Cl. 7.1)mm	IS 1786:2008	1008	1000+75 -25
15.	Nominal Mass, kg/mtr. (Cl.6.3, T-1 & T-2)	IS 1786:2008	6.322	6.310±3%
16.	Bond Requirements (Cl. 5)	IS 1786:2008		
(i)	Mean Projected RIB Area Per Unit Length (mm ² per mm)		5.86	5.44 Min.
(ii)	Mean projected Area of Transverse RIBS, mm ²		5.86	1.81 Min.
17.(i)	Continuity of longitudinal RIB in untwisted bar (Cl. 5.3)	IS 1786:2008	Continuous	Continuous or discontinuous
(ii)	Distance uniformity of transverse RIB in untwisted bar (Cl. 5.3)	IS 1786:2008	Satisfactory	Substantially uniform distance
18.	Surface Defects Test, (Cl. 4.3)	IS 1786:2008	Satisfactory	Shall be sound and free from surface defects.
19.	Bond Strength, (by Pull out test) At Slippage, kg/cm ² (Cl. 5.7)	IS 2770 (Pt-1):2002	Plain Bar TMT Bar	
(i)	At 0.025mm			
(ii)	At 0.25mm			
(iii)	% of variation between deforms bar & plain bar At 0.025mm		Awaited	Deformed bar shall exceed that of a plain round bar of the same nominal size by 40 %
(iv)	% of variation between deforms bar & plain bar At 0.25mm		Awaited	Deformed bar shall exceed that of a plain round bar of the same nominal size by 80 %

Remarks:- The sample conforms to IS 1786:2008, upto Amd-4, for TMT steel bar-32mm dia, Grade-550D except Pull Out test with respect to above test.

S.C

End of Report

Page:-3/3

(Signature)
Authorised Signatory

Lab Incharge

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 - Report refer to the sample submitted to us and not drawn by us unless mentioned otherwise.

AN ISO 9001:2015 / BIS RECOGNISED LABORATORY

Annexure..
Purchase Orders



ADVANCE INDIA PROJECTS LIMITED



PURCHASE ORDER

VENDOR

SBF ISIPAT PRIVATE LIMITED
G 143 151, PLOT NO F 109 117, General Zone industrial area
Karoli Bhiwadi
Alwar 301019
State : Rajasthan State Code : 08

GST NUMBER : 08AAOCS6177P1Z9
PAN Number : AAOCS6177P

Contact Person : VINEET
Contact Number : 9999623022

PO Number : 5000003284
PO Date : 22.11.2021
Bill To **COMPANY** : ADVANCE INDIA PROJECTS LIMITED
Sector-66
Gurugram 122001
State : Haryana State Code : 06
Company's GST No. : 06AACCA9859J1Z8
Ship To : AIPL Autograph
Sector-66
Gurugram-122001
State : Haryana State Code : 06

Site Contact Person : VIJAY TIWARI
Site Contact Number : 9878021995

Dear Sir,

With reference to your quotation and the subsequent discussion for supply of materials, we are pleased to issue you the order on following terms and as per conditions and specifications for the same given below.

S.No	HSN Item Code	Item Description	UOM	Quantity	Unit Rate (INR)	Tax Amount (INR)	Amount (INR)
1	10000169	TMT STEEL 12 MM DIA FE-550D, FOR KRISHNA BUILDESTATES PRIVATE LIMITED- MONTH OF NOV-2021 IGST 18.00 %	TO	77	50,750.00	703,395.00	3,907,750.00
2	10000170	TMT STEEL 16 MM DIA FE-550D, FOR KRISHNA BUILDESTATES PRIVATE LIMITED- MONTH OF NOV-2021 IGST 18.00 %	TO	56	50,750.00	511,560.00	2,842,000.00
3	10000171	TMT STEEL 20 MM DIA FE-550D, FOR KRISHNA BUILDESTATES PRIVATE LIMITED- MONTH OF NOV-2021 IGST 18.00 %	TO	116	50,750.00	1,059,660.00	5,887,000.00
4	10000172	TMT STEEL 25 MM DIA FE-550D, FOR KRISHNA BUILDESTATES PRIVATE LIMITED- MONTH OF NOV-2021 IGST 18.00 %	TO	118	50,750.00	1,077,930.00	5,988,500.00
5	10000174	TMT STEEL 32 MM DIA FE-550D, FOR KRISHNA BUILDESTATES PRIVATE LIMITED- MONTH OF NOV-2021 IGST 18.00 %	TO	189	52,750.00	1,794,555.00	9,969,750.00
Sub Total							28,595,000.00
IGST							5,147,100.00
GRAND TOTAL (INR)							33,742,100.00

Amount in Words : THREE CRORE THIRTY SEVEN LAKH FORTY TWO THOUSAND ONE HUNDRED RUPEES ONLY

Terms & Conditions

Price Basis : FOR AT SITE
Packaging & Forwarding : INCLUDED IN COST
Freight & Insurance : INCLUDED IN COST
Unloading :
Taxes and Duties : EXTRA @ 18%
Delivery Schedule : WITHIN 07 DAYS FROM PO AND ADVANCES.
Terms of payment : 100% ADVANCE AGAINST PI.
Warranty Period :
Others Terms and Conditions :

PURCHASE ORDER

VENDOR SBF ISPAT PRIVATE LIMITED G. 143 151, PLOT NO. F 109 117, General Zone Industrial area Karoli Shiwadi Alwar 301019 State = Rajasthan State Code : 08 GST NUMBER : 08AAOCS6177P1Z9 PAN Number : AAOCS6177P	PO Number : 5000003294 PO Date : 23.11.2021 Bill To COMPANY : ADVANCE INDIA PROJECTS LIMITED Sector-65 Gurugram 122001 State : Haryana State Code : 06 Company's GST No. : 06AACCA9859J1Z8 Ship To : AIPL Joy Central ,Sector-65 Gurugram-122001 State : Haryana State Code : 06 Contact Person : VINNET Contact Number : 9999623022 Site Contact Person : AJAY GANDESH Site Contact Number : 8512004110
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Dear Sir,
 With reference to your quotation and the subsequent discussion for supply of materials, we are pleased to issue you the order on following terms and as per conditions and specifications for the same given below.

S.No	HSN-Item Code	Item Description	UOM	Quantity	Unit Rate (INR)	Tax Amount (INR)	Amount (INR)
1	10000169	TMT STEEL 12 MM DIA TMT STEEL 12MM DIA FE-550 D TRACEABLE MTC and THE MATERIAL LOT SHALL COMPLY TO INDIAN STANDARD CODE 1786-2008 LATEST THE MTC SHOULD BE ACCOMPANIED ALONG WITH THE INVOICE. IGST 18.00 %	TO	30	50,750.00	274,050.00	1,522,500.00
2	10000171	TMT STEEL 20 MM DIA TMT STEEL 20MM DIA FE-550 D IGST 18.00 %	TO	30	50,750.00	274,050.00	1,522,500.00
3	10000172	TMT STEEL 25 MM DIA TMT STEEL 25 MM DIA FE-550D IGST 18.00 %	TO	13	50,750.00	118,755.00	659,750.00
4	10000172	TMT STEEL 25 MM DIA TMT STEEL 25MM DIA FE-550 D IGST 18.00 %	TO	17	50,750.00	155,295.00	862,750.00
5	10000174	TMT STEEL 32 MM DIA TMT STEEL 32MM DIA FE-550 D TRACEABLE MTC and THE MATERIAL LOT SHALL COMPLY TO INDIAN STANDARD CODE 1786-2008 LATEST THE MTC SHOULD BE ACCOMPANIED ALONG WITH THE INVOICE. IGST 18.00 %	TO	30	52,750.00	284,850.00	1,582,500.00
Sub Total							6,150,000.00
IGST							1,107,000.00
GRAND TOTAL (INR)							7,257,000.00

Amount in Words : SEVENTY TWO LAKH FIFTY SEVEN THOUSAND RUPEES ONLY

Terms & Conditions :

Price Basis	: FOR AT SITE
Packaging & Forwarding	: INCLUDED IN COST
Freight & Insurance	: INCLUDED IN COST
Unloading	:
Taxes and Duties	: EXTRA @ 18%
Delivery Schedule	: IMMEDIATE
Terms of payment	: 100% ADVANCE AGAINST PI.

PURCHASE ORDER


TUBE INVESTMENTS OF INDIA LTD
 UNIT : TI Macho India

 Dare House, 234 NSC Bose Road
 Chennai - 600001
 TAMIL NADU

 L35100TN2008PLC069496
 TAMIL NADU

 GST : 33AADCT1398N1ZX
 CODE: 33

 VENDOR No: 41402
 SBF ISPAT PRIVATE LIMITED
 F 109-117 AND G 143-151 GENERAL ZONE
 INDUSTRIAL AREA , KARULI , TAPUKARA
 DISST. ALWAR , RAJASTHAN
 ALWAR RAJASTHAN 301707 INDIA

 GST : 08AAOCS6177P1Z9
 CODE : 08


Ship To : TII TMT Bars

 Standard Purchase Order : 8791 - TMT
 Purchase Order Date : 23-DEC-2021

 Release No / Date :
 Currency : INR

No	HSN /SAC Code	Item Code /Description	UOM	Need by Date	Qty	Rate	Value	IGST		Total
								%	Value	
1	72142010	6NOFE550D08S / Desc-TMT_TI Macho_Fe550D_8 mm_STRT	Ton		80	52000	4160000	18	748800	4908800
2	72142010	6NOFE550D10S / Desc-TMT_TI Macho_Fe550D_10 mm_STRT	Ton		80	51000	4080000	18	734400	4814400
3	72142010	6NOFE550D12S / Desc-TMT_TI Macho_Fe550D_12 mm_STRT	Ton		160	50500	8080000	18	1454400	9534400
4	72142010	6NOFE550D16S / Desc-TMT_TI Macho_Fe550D_16 mm_STRT	Ton		360	50500	18180000	18	3272400	21452400
5	72142010	6NOFE550D20S / Desc-TMT_TI Macho_Fe550D_20 mm_STRT	Ton		240	50500	12120000	18	2181600	14301600
6	72142010	6NOFE550D25S / Desc-TMT_TI Macho_Fe550D_25 mm_STRT	Ton		80	50500	4040000	18	727200	4767200
Total							50660000		9118800	59778800

Whether the Tax is payable on reverse charge basis : NO

Quotation Date / Ref :

Original Invoice must be handed over along with material at the time of Delivery.

Amount (In Words) : Indian Rupee Five Crores Ninety-Seven Lakhs Seventy-Eight Thousand Eight Hundred Only

Payment Terms : MSME Within 15 Days

Delivery Terms :

Insurance Terms : By You

Freight Terms :

 CREATED BY
 Rukhsar, Ms.

 APPROVED BY
 Muthukumaran A

Purchase Order

VENDOR SBF ISPAT PVT LTD General Zone Industrial Area, Karoli, Khushkhara, Distt Alwar Plot No. F-109-117 & G-143-151, Rajasthan 08 INDIA 301707 GSTIN - 08AAOCS6177P1Z9				The Sovereign Next (Apartments) GSTIN - 06AABCV5647G1Z9 PO No : 3592 PO Date : 21-DEC-2021 Revision No : 0 Revision Date : Reference :			
Dear Sir, We are pleased to place on you the order for following items in accordance with the terms and conditions stipulated below.							
S N	Item Description	HSN/SAC Code	Unit	Qty	Unit Rate (Rs.)	Discount (Rs.)	Total (Rs.)
1	010200001 TMT steel dia 10 mm / FE 500 Grade as per IS 1786 12 meter straight Chemically and physically tested make SBF RAPID THERMAX	7214	Metric Tonne	17.00	49,300.00	IGST Standard 18%	838,100.00 150,858.00
2	010200002 TMT Steel dia 12 mm / FE 500 Grade as per IS 1786 12 meter straight length chemically and physically tested make SBF RAPID THERMA	7214	Metric Tonne	5.00	48,300.00	IGST Standard 18%	241,500.00 43,470.00
3	010200003 TMT Steel dia 16 mm / FE 500 Grade as per IS 1786 12 meter straight length chemically and physically testedmake SBF RAPID THERMAX	7214	Metric Tonne	5.00	48,300.00	IGST Standard 18%	241,500.00 43,470.00
4	010200004 TMT Steel dia 20 mm / FE 500 Grade as per IS 1786 12 meter straight length chemically and physically testedmake SBF RAPID THERMAX	7214	Metric Tonne	3.00	48,300.00	IGST Standard 18%	144,900.00 26,082.00
5	010200005 TMT Steel dia 25 mm / FE 500 Grade as per IS 1786 12 meter straight chemically and physically tested make SBF RAPID THERMAX	7214	Metric Tonne	2.00	48,300.00	IGST Standard 18%	96,600.00 17,388.00
6	010200008 TMT Steel dia 8mm / FE 500 Grade as per IS 1786 12 meter straight chemically and physically tested make SBF RAPID THERMAX	7214	Metric Tonne	8.00	50,300.00	IGST Standard 18%	402,400.00 72,432.00
Line Total :							1,965,000.00
Tax Total :							353,700.00
ORDER TOTAL :							2,318,700.00
Amount in words : Indian Rupee Twenty-Three Lakh Eighteen Thousand Seven Hundred Only							
Remarks : *Material acceptance subject to passing of required test at site and reweighing at selected weight bridge with in weight variation of +/-5kg/MT. If it exceeds 50 kg per 10 MTs. Entire shortage including first 50 kgs will be recovered.							
Terms & Conditions : <ol style="list-style-type: none"> Freight : Inclusive MRA Number : As per indent dated 21.12.21 Other Expenses : NA Payment Terms : Immediate Delivery Schedule : within 2 weeks Warranty : As standard Other Terms & Conditions shall be as per General Purchase Conditions attached. Special Term : Test certificate with each consignment conforming Fe-500 grade Special Term : Above Prices are incl. of Freight, loading & unloading. 							
Pre-despatch Requisites: <ol style="list-style-type: none"> Sample Approval required <input checked="" type="checkbox"/> Yes/No Inspection required at Vendor's end <input checked="" type="checkbox"/> Yes/No Prior Approval required before despatch <input checked="" type="checkbox"/> Yes/No Advance Despatch Note required <input checked="" type="checkbox"/> Yes/No 				Enclosures: <ol style="list-style-type: none"> General Purchase Conditions <input checked="" type="checkbox"/> Yes/No Drawings <input checked="" type="checkbox"/> Yes/No Technical data sheet <input checked="" type="checkbox"/> Yes/No Sample/Sample Approval Note <input checked="" type="checkbox"/> Yes/No 			
Project Details: Project Name : The Sovereign Next Location/Sub Location : Sovereign Next				Distribution: Contact Person : Mr. Ashish 9989132799 Consignee Add. : Vatika India Next, Sector 82, Near Shikohpur Village, Near Toll Plaza, The Sovereign Next Original copy for Vendor <input checked="" type="checkbox"/> Purchase Dept. Copy <input type="checkbox"/> Account Dept. Copy <input type="checkbox"/>			

Manoj
21/12/21

PO#

15.01.2022

To,
M/s SBF ISPAT PRIVATE LIMITED
PLOT NUMBER F-109-127& G-143-151
GENERAL ZONE INDUSTRIAL AREA
KAROLI, KHUSHKHERA DISTT. ALWAR, RAJASTHAN-301707
GST NO-08AAOCS6177P1Z9
Email-sbfrapid_dis@gmail.com
Contact No-9999623022

Sub: Order of TMT STEEL FE-550 for "HABITAT -Prime "Affordable Housing Sec-99 Gurgaon

Attn: Mr Vineet,

Dear Sir,

We are pleased to place an order of **136 MT Brand-Rapid FE-550 TMT Steel** to be delivered at the following address terms and conditions.

Sr No	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	TMT STEEL DIA 08 MM, Fe-550	MT	25	63159.50	1578987.50
2	TMT STEEL DIA 10 MM, Fe-550	MT	10	61979.50	619795.00
3	TMT STEEL DIA 12 MM, Fe-550	MT	17	59619.50	1013531.50
4	TMT STEEL DIA 16 MM, Fe-550	MT	62	60799.50	3769569.00
5	TMT STEEL DIA 20 MM, Fe-550	MT	20	60799.50	1215990.00
6	TMT STEEL DIA 25 MM, Fe-550	MT	2	60799.50	121599.00
TOTAL			136		83,19,472.00

Buyer Address: APT CONSTRUCTION COMPANY
2021, Style Palza Near reliance Fresh
Jharsa Road Sector-15 Part-1 Gurgaon

Delivery Address: APT CONSTRUCTION COMPANY
Project -Habitat-Prime Sec-99A
Gurgaon (Haryana)

PAN NO- ABEFA5702A
GST NO- 06ABEFA5702A1Z7

Contact Person at Site: Mr. Santosh-8800093217

All above rates are inclusive of all taxes, transportation, loading & unloading in APT Construction Company scope.
All our steel should confirm IS Code specifications as per the practice and our material should have all test certificates with physical and chemical test okay and these certificates should be supplied at the time of delivery of material at We will further test the steel through a registered laboratory and if it fails then you will have to take all material back

Payment Terms: 100% advance,

Please do mention the number of bundles in every delivery.

Tolerance in weight will be accepted only 5kg per MT.

Thanking you,
Yours Faith fully

Auth. Signatory

ATS REAL ESTATE BUILDERS PRIVATE LIMITED

Vill-Harsaru, Sector 89A
Gurgaon, Haryana

PURCHASE ORDER

Business Unit : ATS MARIGOLD:Sector-89A, ,Gurgaon, GST LOCATION- HARYANA GSTIN- 06AAKCA8766C1ZJ

SBF ISPAT PRIVATE LIMITED PLOT NO: F109-117 & G143-151 INDUSTRIAL AREA KAROLI BHIWADI GST LOCATION- RAJASTHAN GSTIN- 08AAOCS6177P1Z9 PAN:- AAOCS6177P	Order No. : ERPOIND/00144/21-22	Mode of Transport : By-Road Delivery Address : ATS MARIGOLD Sector-89A, ,Gurgaon, GST LOCATION- HARYANA GSTIN- 06AAKCA8766C1ZJ Contact Person- Mr. Rajeev Contact No- 9643300060
	Order Date : 28-12-2021	
	Quotation No. : COMPSTEEL/PCA/Dec /500/21-22	
	Quotation Date : 23-12-2021	
Kind Attention : Mr. Aatul Muunjhal	Tele- : 9810510396 9810510396	

Please supply the following Materials/items in accordance with your Quotation and subject to following terms and conditions.

SINo.	Code	HSN	Description	Unit	Quantity	Rate	Amount	Indent No.	Delivery Dt.	
1	-0056	72142090	STEEL TMT 12 MM FE 550D SBF RAPID THERMEX FE550DCHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 501120.000	MT	58.000	48,000.000	2,784,000.00	ERIND/00232/ 21-22	11-01-2022	
2	-0057	72142090	STEEL TMT 16 MM FE 550D SBF RAPID THERMEX FE550DCHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 129600.000	MT	15.000	48,000.000	720,000.00	ERIND/00232/ 21-22	10-01-2022	
3	-0058	72142090	STEEL TMT 20 MM FE 550D SBF RAPID THERMEX FE 550D CHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 86400.000	MT	10.000	48,000.000	480,000.00	ERIND/00232/ 21-22	10-01-2022	
4	-0255	72142090	STEEL TMT 25 MM FE 550D SBF RAPID THERMEX FE 550D CHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 259200.000	MT	30.000	48,000.000	1,440,000.00	ERIND/00232/ 21-22	10-01-2022	
5		72142090	STEEL TMT 32 MM FE 550D SBF RAPID THERMEX FE 550D CHEMICALLY & PHYSICALLY TESTED IGST@ 18% - 108000	MT	12.000	50,000.000	600,000.00	ERIND/00232/ 21-22	10-01-2022	
6	-0058	72142090	STEEL TMT 20 MM FE 550D SBF RAPID THERMEX FE 550D CHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 95040.000	MT	11.000	48,000.000	528,000.00	ERIND/00205/ 21-22	10-01-2022	
7		72142090	STEEL TMT 32 MM FE 550D SBF RAPID THERMEX FE 550D CHEMICALLY & PHYSICALLY TESTED IGST@ 18.000% - 171000.000	MT	19.000	50,000.000	950,000.00	ERIND/00205/ 21-22	10-01-2022	
							BASIC	7,502,000.00		
							IGST	1,350,360.00		
							Gross	8,852,360.00		

Rupees Eighty Eight Lac Fifty Two Thousand Three Hundred Sixty Only

Rate Basis :- CIF

Terms & Conditions :

Created By: brijesh	For, ATS REAL ESTATE BUILDERS PRIVATE LIMITED Authorised Signatory
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Annexure..
Invoices


TAX INVOICE

(ORIGINAL FOR RECIPIENT)

e-Invoice



IRN : 6d37fba5234dc571483a79ad5252b43e93d0582d25d4-f0a9613693451d2a9fd5
 Ack No. : 172110695756897
 Ack Date : 9-Oct-21

 SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 Rajasthan - 301707, India GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispatt2017@gmail.com	Invoice No. e-Way Bill No. Dated SBF/21-22/1555 751215886340 9-Oct-21
	Delivery Note Mode/Terms of Payment On Account
Reference No. & Date. SBF/21-22/1555 dt. 9-Oct-21	Other References
Buyer's Order No. OFB116336816853665	Dated 8-Oct-21
Dispatch Doc No.	Delivery Note Date
Dispatched through G Trans Solution	Destination Delhi
Bill of Lading/LR-RR No. 1425 dt. 9-Oct-21	Motor Vehicle No. RJ18GB4840
Terms of Delivery Ex Works	

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
MS TMT Bar 25mm 550D	72142090	18 %	57.290 MT	53,000.00	MT	30,36,370.00
IGST Output						5,46,546.60
Round Off						35,82,916.60
0.40						
Bill Details:						
New Ref SBF/21-22/1555						35,82,917.00 Dr
Total						₹ 35,82,917.00

Amount Chargeable (in words)

INR Thirty Five Lakh Eighty Two Thousand Nine Hundred Seventeen Only

E. & O.E

HSN/SAC	Taxable Value	Integrated Tax		Total
		Rate	Amount	Tax Amount
72142090	30,36,370.00	18%	5,46,546.60	5,46,546.60
Total			5,46,546.60	5,46,546.60

Tax Amount (in words) : **INR Five Lakh Forty Six Thousand Five Hundred Forty Six and Sixty paise Only**Company's PAN : **AAOCS6177P****Declaration**

We declare that this Invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for **SBF ISPAT PVT. LTD.**

Prepared by

Verified by

Authorised Signatory

SUBJECT TO DELHI JURISDICTION

This is a Computer Generated Invoice

TAX INVOICE

(TRIPLICATE FOR SUPPLIER)

e-Invoice



IRN : 9b6afcdc0610501a624d134e548b7b4105ede8930c6-993e649b12c79ca86803e
 Ack No. : 172110846680138
 Ack Date : 13-Dec-21

<p>SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC208026 E-Mail : sbfispat2017@gmail.com</p>	Invoice No.	e-Way Bill No.	Dated
	SBF/21-22/2269	781228408424	13-Dec-21
Consignee (Ship to) AIPL AUTOGRAPH Sector - 66, Gurugram, Haryana - 122001 GSTIN/UIN : 06AACCA9859J1Z8 State Name : Haryana, Code : 06 Buyer (Bill to) ADVANCE INDIA PROJECTS LTD. Sector - 66, Gurugram, Haryana - 122001 GSTIN/UIN : 06AACCA9859J1Z8 PAN/IT No : AACCA9859J State Name : Haryana, Code : 06	Delivery Note	Mode/Terms of Payment	
	On Account		
	Reference No. & Date.	Other References	
	SBF/21-22/2269 dt. 13-Dec-21		
	Buyer's Order No.	Dated	
	5000003284	2-Oct-21	
	Dispatch Doc No.	Delivery Note Date	
	222		
	Dispatched through	Destination	
	Baba Mohan Ram Transport Co.	Gurugram-Haryana	
	Bill of Lading/LR-RR No.	Motor Vehicle No.	
	222 dt. 13-Dec-21	HR47C9240	
Terms of Delivery			
F.O.R.			

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	TMT BARS 32mm SBF RAPID 550D	72142090	18 %	36.685 MT	52,750.00	MT	19,35,133.75
IGST Output							3,48,324.08
Round Off							22,83,458.83
0.17							
Bill Details:							
On Account 22,83,458.00 Dr							
Total							₹ 22,83,458.00

Amount Chargeable (in words) **INR Twenty Two Lakh Eighty Three Thousand Four Hundred Fifty Eight Only** E. & O.E

HSN/SAC	Taxable Value	Rate	Integrated Tax		Total Tax Amount
			Amount	Tax Amount	
72142090	19,35,133.75	18%	3,48,324.08	3,48,324.08	3,48,324.08
Total	19,35,133.75		3,48,324.08	3,48,324.08	3,48,324.08

Tax Amount (in words) : **INR Three Lakh Forty Eight Thousand Three Hundred Twenty Four and Eight paise Only**

Company's PAN : AAOCS6177P	Company's Bank Details
Declaration	A/c Holder's Name : SBF ISPAT PVT. LTD.
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	Bank Name : SBI (IFSC-SBIN0031465)
	A/c No. : 39602820932
	Branch & IFS Code : Bhiwadi & SBIN0031465
Customer's Seal and Signature	for SBF ISPAT PVT. LTD.

Prepared by _____ Verified by _____ Authorised Signatory _____

SUBJECT TO DELHI JURISDICTION

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TAX INVOICE

e-Invoice



IRN : bbab2f3b95f6b885e664f1213921935fe585c9ddcaf06-c798e8205d935644c54
 Ack No. : 172110876153303
 Ack Date : 26-Dec-21

<p>SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhara, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com</p>	Invoice No.	e-Way Bill No.	Dated
	SBF/21-22/2495	771231015995	26-Dec-21
Consignee (Ship to)	Reference No. & Date.		Other References
VATIKA LTD The Sovereign Next Appartment, Vatika India Next, Near Kherki Daula Tool Plaza, Sector - 82, Gurugram GSTIN/UIN : 06AABCV5647G1Z9 PAN/IT No : AABCV5647G State Name : Haryana, Code : 06	SBF/21-22/2495 dt. 26-Dec-21		
Buyer (Bill to)	Buyer's Order No.	Dated	
VATIKA LTD 4th Floor, Tower-A, Vatika City Centre, N.H.-8, Near Kherki Daula Tool Plaza, Sector - 83, Gurugram GSTIN/UIN : 06AABCV5647G1Z9 PAN/IT No : AABCV5647G State Name : Haryana, Code : 06 Place of Supply : Haryana	3592	21-Dec-21	
	Dispatch Doc No.	Delivery Note Date	
	2409		
	Dispatched through	Destination	
	Bhiwadi Gurgaon Freight Carrier	Gurgaon	
	Bill of Lading/LR-RR No.	Motor Vehicle No.	
	2409 dt. 26-Dec-21	HR55X3154	
	Terms of Delivery	F.O.R.	

Description of Goods and Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
TMT BARS 8mm SBF RAPID 550D	72142090	18 %	7.050 MT	50,300.00	MT	3,54,615.00
TMT BARS 10mm SBF RAPID 550D	72142090	18 %	17.415 MT	49,300.00	MT	8,58,559.50
TMT BARS 12mm SBF RAPID 550D	72142090	18 %	4.320 MT	48,300.00	MT	2,08,656.00
TMT BARS 16mm SBF RAPID 550D	72142090	18 %	5.580 MT	48,300.00	MT	2,69,514.00
TMT BARS 20mm SBF RAPID 550D	72142090	18 %	2.890 MT	48,300.00	MT	1,39,587.00
TMT BARS 25mm SBF RAPID 550D	72142090	18 %	2.990 MT	48,300.00	MT	1,44,417.00
IGST Output						19,75,348.50
Transit Insurance						3,55,743.81
997135 18 %						23,31,092.31
1,006.00						
Total						₹ 23,32,098.31

Amount Chargeable (in words) E. & O.E
INR Twenty Three Lakh Thirty Two Thousand Ninety Eight and Thirty One paise Only

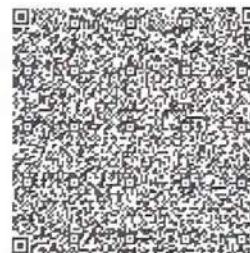
Company's PAN : AAOCS6177P
 Declaration : We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.
 Customer's Seal and Signature _____

Company's Bank Details
 A/c Holder's Name: SBF ISPAT PVT. LTD.
 Bank Name : SBI (IFSC-SBIN0031465)
 A/c No. : 39602820932
 Branch & IFS Code: Bhiwadi & SBIN0031465


for SBF ISPAT PVT. LTD.
 Prepared by _____ Verified by _____ Authorised Signatory _____

TAX INVOICE

e-Invoice



IRN : 435527d453e478a65c55c4bae17600068a746afe1cdf-a67ba4f0970c7355f90d
 Ack No. : 172110876252996
 Ack Date : 26-Dec-21

 SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com	Invoice No.	e-Way Bill No.	Dated
	SBF/21-22/2502	741231028246	26-Dec-21
Consignee (Ship to) IKIO SOLUTION PVT LTD 0010, Sector - 156, Gautam Budh Nagar, Noida, U. P. - 201307 GSTIN/UIN : 09AAFIC10133A1Z9 PAN/IT No : AAFIC10133A State Name : Uttar Pradesh, Code : 09	Delivery Note	Mode/Terms of Payment	
		On Account	
Buyer (Bill to) SHASHI STEELS CORPORATION 259, B.S. Road, Loha Mandi, Ghaziabad, U.P. - 201001 GSTIN/UIN : 09AAEFS0353A1Z0 PAN/IT No : AAEFS0353A State Name : Uttar Pradesh, Code : 09 Place of Supply : Uttar Pradesh	Reference No. & Date.	Other References	
	SBF/21-22/2502 dt. 26-Dec-21		
	Buyer's Order No.	Dated	
	1163	26-Dec-21	
	Dispatch Doc No.	Delivery Note Date	
	1747		
	Dispatched through	Destination	
	Shri Shyam Transport Co.	Noida-Up	
	Bill of Lading/LR-RR No.	Motor Vehicle No.	
	1747 dt. 26-Dec-21	HR47C3613	
	Terms of Delivery	FOR	

Description of Goods and Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
TMT BARS 8mm SBF RAPID 550D	72142090	18 %	7.700 MT	51,200.00	MT	3,94,240.00
TMT BARS 10mm SBF RAPID 550D	72142090	18 %	9.570 MT	50,200.00	MT	4,80,414.00
TMT BARS 12mm SBF RAPID 550D	72142090	18 %	3.850 MT	49,200.00	MT	1,89,420.00
TMT BARS 16mm SBF RAPID 550D	72142090	18 %	8.700 MT	49,200.00	MT	4,28,040.00
TMT BARS 20mm SBF RAPID 550D	72142090	18 %	5.050 MT	49,200.00	MT	2,48,460.00
IGST Output						17,40,574.00
Transit Insurance						3,13,460.28
Round Off						20,54,034.28
Less :						872.00
Bill Details:						20,54,906.28
New Ref SBF/21-22/2502 20,54,906.00 Dr						(-)0.28
Total			34.870 MT			₹ 20,54,906.00

Amount Chargeable (in words) E. & O.E

INR Twenty Lakh Fifty Four Thousand Nine Hundred Six Only

Company's PAN : AAOCS6177P

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Company's Bank Details

A/c Holder's Name: SBF ISPAT PVT. LTD.

Bank Name : SBI (IFSC-SBIN0031465)

A/c No. : 39602820932

Branch & IFS Code: Bhiwadi & SBIN0031465

for SBF ISPAT PVT. LTD.

Prepared by

Verified by

Authorised Signatory

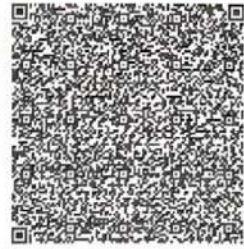
SUBJECT TO DELHI JURISDICTION

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TAX INVOICE

(TRIPLICATE FOR SUPPLIER)

e-Invoice



IN : e235ea9c99e794bf65e46675da1608d20884fa51d0-be710ddc215663dfc8a807
 Ack No. : 172110770242237
 Ack Date : 10-Nov-21

SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com Consignee (Ship to) SUPERTECH REALTORS PVT LTD Supernova Phase - IV, Hypernova, Sector - 94, Noida, Uttarpradesh - 201301 GSTIN/UIN : 09AAOCS2336J1ZY PAN/IT No : AAOCS2336J State Name : Uttar Pradesh, Code : 09 Buyer (Bill to) NIKUNJ UDYOG (A UNIT OF SURBHIKA STEELS PVT LTD) Railway Road, Near Chintpurni Mata Mandir, Gurugram - 122001 (Haryana) GSTIN/UIN : 06AAACS4502N1ZE PAN/IT No : AAACS4502N State Name : Haryana, Code : 06 Place of Supply : Haryana		Invoice No. e-Way Bill No. Dated SBF/21-22/1908 731222187087 10-Nov-21 Delivery Note Mode/Terms of Payment On Account Reference No. & Date. Other References SBF/21-22/1908 dt. 10-Nov-21 Buyer's Order No. Dated Dispatch Doc No. Delivery Note Date Dispatched through Destination Sahil Transport Company Noida-UP Bill of Lading/LR-RR No. Motor Vehicle No. 1109 dt. 10-Nov-21 RJ02GB3378 Terms of Delivery
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SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	TMT BARS 8mm	72142090	18 %	7.980 MT	54,600.00	MT	4,35,708.00
2	TMT BARS 10mm	72142090	18 %	4.990 MT	53,600.00	MT	2,67,464.00
3	TMT BARS 16mm	72142090	18 %	6.530 MT	52,600.00	MT	3,43,478.00
4	TMT BARS 20mm	72142090	18 %	8.820 MT	52,600.00	MT	4,63,932.00
							15,10,582.00
IGST Output							2,71,904.76
Round Off							17,82,486.76
							0.24
Total							₹ 17,82,487.00

Amount Chargeable (in words) **INR Seventeen Lakh Eighty Two Thousand Four Hundred Eighty Seven Only** E. & O.E

HSN/SAC	Taxable Value	Integrated Tax Rate	Amount	Total Tax Amount
72142090	15,10,582.00	18%	2,71,904.76	2,71,904.76
Total	15,10,582.00		2,71,904.76	2,71,904.76

Tax Amount (in words) : **INR Two Lakh Seventy One Thousand Nine Hundred Four and Seventy Six paise Only**

Company's PAN : **AAOCS6177P**

Declaration : We declare that this Invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Company's Bank Details
 A/c Holder's Name : **SBF ISPAT PVT. LTD.**
 Bank Name : **SBI (IFSC-SBIN0031465)**
 A/c No. : **39602820932**
 Branch & IFS Code : **Bhiwadi & SBIN0031465**

Prepared by _____ Verified by _____

SUBJECT TO DELHI JURISDICTION
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TAX INVOICE

(TRIPLICATE FOR SUPPLIER)

e-Invoice



: 388869fc0814dddb72a24f2ffff6b4327f136f90da38e-53e43f47788f39d78d4
 Ack No. : 172110774545196
 Ack Date : 12-Nov-21

SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com Consignee (Ship to) ROSHNI BUILDERS PVT LTD Project Broadway, Sector - 71, Gurugram - 122001 GSTIN/UIN : 06AAHCR5289G1Z1 PAN/IT No : AAHCR5289G State Name : Haryana, Code : 06 Buyer (Bill to) SHREE SHAKTI STEEL - DELHI A-35, Pandav Nagar, I.P. Extn., Delhi - 110092 GSTIN/UIN : 07AEYPA7806C1ZH PAN/IT No : AEYPA7806C State Name : Delhi, Code : 07 Place of Supply : Delhi	Invoice No. SBF/21-22/1923 e-Way Bill No. 781222533751 Dated 12-Nov-21
	Delivery Note Mode/Terms of Payment On Account
Reference No. & Date. SBF/21-22/1923 dt. 12-Nov-21	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through Dev Transport Company	Destination Gurugram-Haryana
Bill of Lading/LR-RR No. 731 dt. 12-Nov-21	Motor Vehicle No. HR47C3613
Terms of Delivery	

SI No.	Description of Goods and Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	TMT BARS 25mm 550D (TCS Category for TCS on Sale of Goods @ 0.10%)	72142090	18 %	35.250 MT	55,000.00	MT	19,38,750.00
	IGST Output						3,52,147.50
	TCS : Income Tax				0.10 %		22,90,897.50
	Freight Charges	996511	18 %				2,288.00
	Round Off						22,93,185.50
	Bill Details: New Ref SBF/21-22/1923						17,625.00
							23,10,810.50
							0.50
	Total			35.250 MT			₹ 23,10,811.00

Amount Chargeable (in words) **INR Twenty Three Lakh Ten Thousand Eight Hundred Eleven Only** E. & O.E

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
72142090	19,38,750.00	18%	3,48,975.00	3,48,975.00
996511	17,625.00	18%	3,172.50	3,172.50
Total	19,56,375.00		3,52,147.50	3,52,147.50

Tax Amount (in words) : **INR Three Lakh Fifty Two Thousand One Hundred Forty Seven and Fifty paise Only**
 Company's PAN : **AAOCS6177P**
 Declaration: We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.
 Company's Bank Details:
 A/c Holder's Name : **SBF ISPAT PVT. LTD.**
 Bank Name : **SBI (IFSC-SBIN0031465)**
 A/c No. : **39602820932**
 Branch & IFS Code : **Bhiwadi & SBIN0031465**

Customer's Seal and Signature
 Prepared by _____ Verified by _____
 for SBF ISPAT PVT. LTD.
 Authorized Signatory

SUBJECT TO DELHI JURISDICTION
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TAX INVOICE

e-Invoice



IRN : 02e8d012d9916e6ad345524f33ff12163904e5a4e3e72-f125fd5c3e46de1e55d
 Ack No. : 172110837274971
 Ack Date : 8-Dec-21

<p>SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhara, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com</p>	Invoice No. SBF/21-22/2219 e-Way Bill No. 761227594306 Dated 8-Dec-21
	Delivery Note Reference No. & Date. SBF/21-22/2219 dt. 8-Dec-21 Buyer's Order No. SBF-1086 Dispatch Doc No.
Consignee (Ship to) KLT Constructions Private Limited Digi Town, Plot No. - SP-05, Sector - 3, Siddarth Vihar, Ghaziabad - 201001 (U.P.) GSTIN/UIN : 09AAICK3130A1Z1 PAN/IT No : AAICK3130A State Name : Uttar Pradesh, Code : 09	Dispatched through Shri Shyam Transport Co. Bill of Lading/LR-RR No. 1714 dt. 8-Dec-21 Destination Ghaziabad-U.P. Motor Vehicle No. HR47C3613
Buyer (Bill to) GAPPU ISPAT 7, Loha Mandi, Ghaziabad - 201001 Uttarpradesh - India GSTIN/UIN : 09AAHHR2840G1Z2 PAN/IT No : AAHHR2840G State Name : Uttar Pradesh, Code : 09	Terms of Delivery F.O.R.

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount	
1	TMT BARS 25mm SBF RAPID 550D	72142090	18 %	29.200 MT	50,000.00	MT	14,60,000.00	
	IGST Output						2,62,800.00	
	Bill Details: New Ref SBF/21-22/2219						17,22,800.00 Dr	
Total								₹ 17,22,800.00

Amount Chargeable (in words) **INR Seventeen Lakh Twenty Two Thousand Eight Hundred Only** E. & O.E

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
	72142090	14,60,000.00	18%	2,62,800.00
Total			2,62,800.00	2,62,800.00

Tax Amount (in words) : **INR Two Lakh Sixty Two Thousand Eight Hundred Only**

Company's PAN : AAOCS6177P	Company's Bank Details A/c Holder's Name : SBF ISPAT PVT. LTD.
Declaration We declare that this Invoice shows the actual price of the goods described and that all particulars are true and correct.	Bank Name : SBI (IFSC-SBIN0031465)
Customer's Seal and Signature	A/c No. : 39602820932
	Branch & IFS Code : Bhiwadi & SBIN0031465

Prepared by _____ Verified by _____
 for SBF ISPAT PVT. LTD. **Authorised Signatory**

SUBJECT TO DELHI JURISDICTION
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TAX INVOICE

e-Invoice



IRN : 23262128b196507804b43562a270a4a870577add7d3-291db7721b1c00b687415
 Ack No. : 172110835898935
 Ack Date : 8-Dec-21

SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhara, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfisp2017@gmail.com	Invoice No.	e-Way Bill No.	Dated
	SBF/21-22/2214	711227476322	8-Dec-21
	Delivery Note		Mode/Terms of Payment
	Reference No. & Date.		On Account
	SBF/21-22/2214 dt. 8-Dec-21		Other References
	Buyer's Order No.		Dated
	SBF-1085		7-Dec-21
	Dispatch Doc No.		Delivery Note Date
	Dispatched through		Destination
	Mahalaxmi Roadlines		Jaipur-Rajasthan
	Bill of Lading/LR-RR No.		Motor Vehicle No.
	6766 dt. 8-Dec-21		RJ01GC7221
	Terms of Delivery		F.O.R.
Consignee (Ship to) SUNCITY PROJECTS PVT LTD Jewel of India, JLN Marg, Malviya Nagar, Jaipur, Rajasthan GSTIN/UIN : 08AABCS8906K1ZZ PAN/IT No : AABCS8906K State Name : Rajasthan, Code : 08 Buyer (Bill to) SHRI KISHAN MAHESH KUMAR B.S. Road, Ind. Area, D-74/3, Opp. - 228, Loha Mandi, G.T. Road, Ghaziabad, U.P. GSTIN/UIN : 09AAMPG7397J1ZY PAN/IT No : AAMPG7397J State Name : Uttar Pradesh, Code : 09			

SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	TMT BARS 12mm SBF RAPID 550	72142090	18 %	31.380 MT	47,300.00	MT	14,84,274.00
							IGST Output
							2,67,169.32
							Round Off
							17,51,443.32
							(-0.32)
							Less :
							Bill Details:
							New Ref SBF/21-22/2214
							17,51,443.00 Dr
							Total
				31.380 MT			₹ 17,51,443.00

Amount Chargeable (in words) **INR Seventeen Lakh Fifty One Thousand Four Hundred Forty Three Only** E. & O.E

HSN/SAC	Taxable Value	Rate	Integrated Tax Amount	Total Tax Amount
72142090	14,84,274.00	18%	2,67,169.32	2,67,169.32
Total	14,84,274.00		2,67,169.32	2,67,169.32

Tax Amount (in words) : **INR Two Lakh Sixty Seven Thousand One Hundred Sixty Nine and Thirty Two paise Only**

Company's PAN : AAOCS6177P	Company's Bank Details
Declaration	A/c Holder's Name: SBF ISPAT PVT. LTD.
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.	Bank Name : SBI (IFSC-SBIN0031465)
Customer's Seal and Signature	A/c No. : 39602820932
	Branch & IFS Code: Bhiwadi & SBIN0031465



Prepared by _____ Verified by _____

SUBJECT TO DELHI JURISDICTION
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TAX INVOICE

(ORIGINAL FOR RECIPIENT)

e-Invoice



IRN : bce6f3e431ea136373ff3e731ab7eba40d3410ec975b-a000218612f3f8ac8829
 Ack No. : 172110880115081
 Ack Date : 28-Dec-21

SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UID: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfispat2017@gmail.com	Invoice No.	e-Way Bill No.	Dated
	SBF/21-22/2525	721231361372	28-Dec-21
Consignee (Ship to) RISHAV SHELTERS PRIVATE LIMITED C/O Sharda Educational, Plot No. 32&34, Knowledge Park, Greater Noida, Uttar Pradesh - 201310 GSTIN/UID : 09AACCR9448Q2ZD State Name : Uttar Pradesh, Code : 09	Delivery Note	Mode/Terms of Payment	
		On Account	
Buyer (Bill to) SHREE PARAS STEELFAB PRIVATE LIMITED AO-102, Amrit Steel Compound, GT Road, South Side, Ghaziabad, U.P. - 201001 GSTIN/UID : 09AAJCS1126K1Z7 PAN/IT No : AAJCS1126K State Name : Uttar Pradesh, Code : 09 Place of Supply : Uttar Pradesh	Reference No. & Date.	Other References	
	SBF/21-22/2525 dt. 28-Dec-21		
	Buyer's Order No.	Dated	
	1164	27-Dec-21	
	Dispatch Doc No.	Delivery Note Date	
	237		
	Dispatched through	Destination	
	New Yadav Freight Carriers	Greater Noida-U.P.	
	Bill of Lading/LR-RR No.	Motor Vehicle No.	
	237 dt. 28-Dec-21	HR47C9783	
	Terms of Delivery	F.O.R.	

Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
TMT BARS 8mm SBF RAPID 550D	72142090	18 %	40.090 MT	50,500.00	MT	20,24,545.00
IGST Output						3,64,418.10
Round Off						23,88,963.10
Less:						(-).0.10
Bill Details:						
New Ref SBF/21-22/2525			23,88,963.00	Dr		
Total						₹ 23,88,963.00

Amount Chargeable (in words)
INR Twenty Three Lakh Eighty Eight Thousand Nine Hundred Sixty Three Only

E & O E

Company's PAN : AAOCS6177P

Company's Bank Details
 A/c Holder's Name : SBF ISPAT PVT. LTD.
 Bank Name : SBI (IFSC-SBIN0031465)
 A/c No. : 39602820932
 Branch & IFS Code : Bhiwadi & SBIN0031465

Declaration
 We declare that this Invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Prepared by _____ Verified by _____



SUBJECT TO DELHI JURISDICTION
 This is a Computer Generated Invoice

TAX INVOICE

e-Invoice



IRN : c37d437d81df1b31bba032c0d7cd5ef5ea37f7738b12-6e303794cf23719b6b68
 Ack No. : 172210912522613
 Ack Date : 10-Jan-22

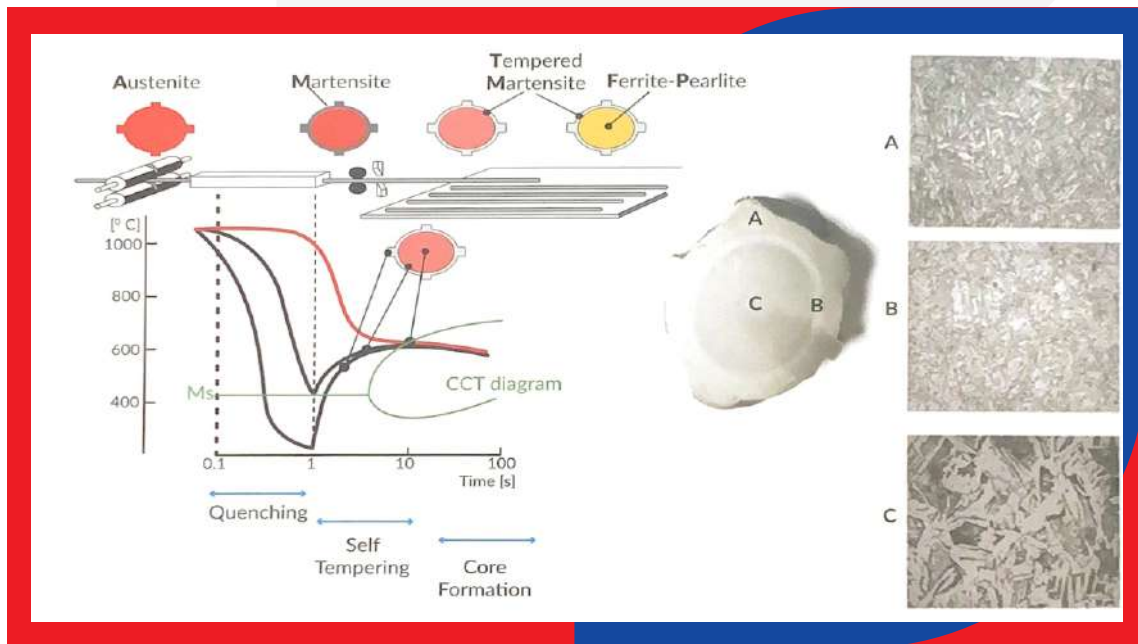
<p>SBF ISPAT PVT. LTD. Plot No. F-109-117 & G-143-151, General Zone Industrial Area, Karoli, Khushkhhera, Distt. Alwar, Rajasthan - 301707 CML No. - 8600105815 GSTIN/UIN: 08AAOCS6177P1Z9 State Name : Rajasthan, Code : 08 CIN: U27205DL2010PTC206026 E-Mail : sbfisp2017@gmail.com</p>	Invoice No. SBF/21-22/2724 e-Way Bill No. 721233712411 Dated 10-Jan-22																																																								
	Delivery Note Reference No. & Date. SBF/21-22/2724 dt. 10-Jan-22 Buyer's Order No. 8791-TMT Dispatch Doc No. 382 Dispatched through Surya Transport Co. Bill of Lading/LR-RR No. 382 dt. 10-Jan-22 Terms of Delivery F.O.R.	Mode/Terms of Payment On Account Other References Dated 23-Dec-21 Delivery Note Date Destination Gurugram-Haryana Motor Vehicle No. HR55Q6263																																																							
Consignee (Ship to) LARSEN AND TOUBRO LIMITED Dwarka Express Way Project, PKG-IV, Village - Harsaru, Opp. - Sector - 37D Police, Station, Sector - 89, Gurugram - 122505 (HR) GSTIN/UIN : 06AAACL0140P6ZI AN/IT No : AAACL0140P State Name : Haryana, Code : 06	Buyer (Bill to) TUBE INVESTMENTS OF INDIA LIMITED 4th Floor, 234, Dare House, NSC Bose Road, Parrys Corner, Chennai, Tamil Nadu - 600001 GSTIN/UIN : 33AADCT1398N1ZX PAN/IT No : AADCT1398N State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu																																																								
<table border="1"> <thead> <tr> <th>Description of Goods</th> <th>HSN/SAC</th> <th>GST Rate</th> <th>Quantity</th> <th>Rate</th> <th>per</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>TMT BARS 20mm 550D</td> <td>72142090</td> <td>18 %</td> <td>33.875 MT</td> <td>50,500.00</td> <td>MT</td> <td>17,10,687.50</td> </tr> <tr> <td colspan="6" style="text-align: right;">IGST Output</td> <td>3,07,923.75</td> </tr> <tr> <td colspan="6" style="text-align: right;">Round Off</td> <td>20,18,611.25</td> </tr> <tr> <td colspan="6" style="text-align: right;">Less:</td> <td>(-)-0.25</td> </tr> <tr> <td colspan="6">Bill Details:</td> <td></td> </tr> <tr> <td colspan="6">New Ref SBF/21-22/2724 20,18,611.00 Dr</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: right;">Total</td> <td>₹ 20,18,611.00</td> </tr> </tbody> </table>	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount	TMT BARS 20mm 550D	72142090	18 %	33.875 MT	50,500.00	MT	17,10,687.50	IGST Output						3,07,923.75	Round Off						20,18,611.25	Less:						(-)-0.25	Bill Details:							New Ref SBF/21-22/2724 20,18,611.00 Dr							Total						₹ 20,18,611.00	Amount Chargeable (in words) INR Twenty Lakh Eighteen Thousand Six Hundred Eleven Only Company's PAN : AAOCS6177P Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct. Customer's Seal and Signature
Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount																																																			
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Annexure..
Microstructure Analysis

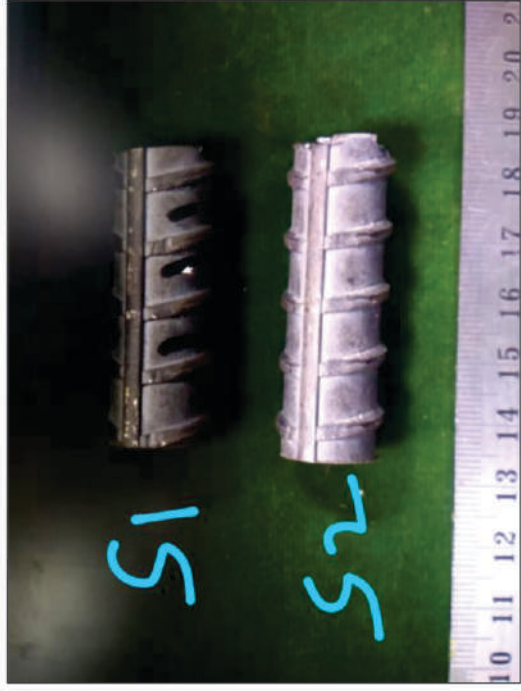
The Unique Stages of QST/TMT BARs Micro Structure



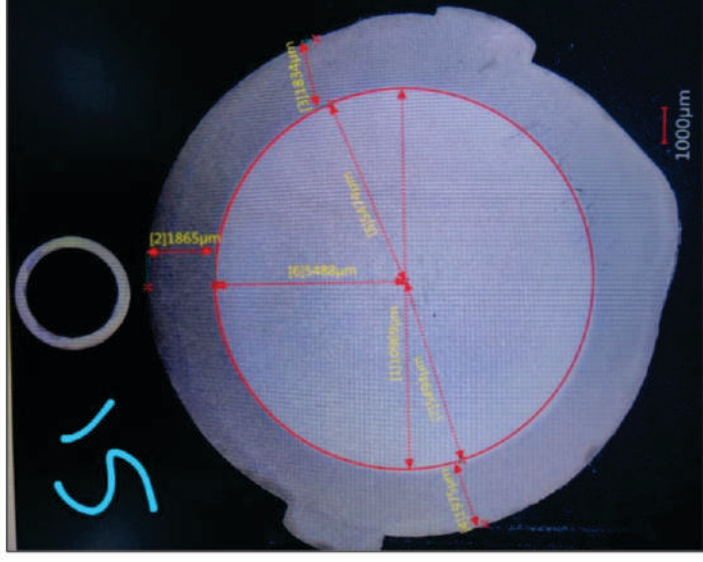
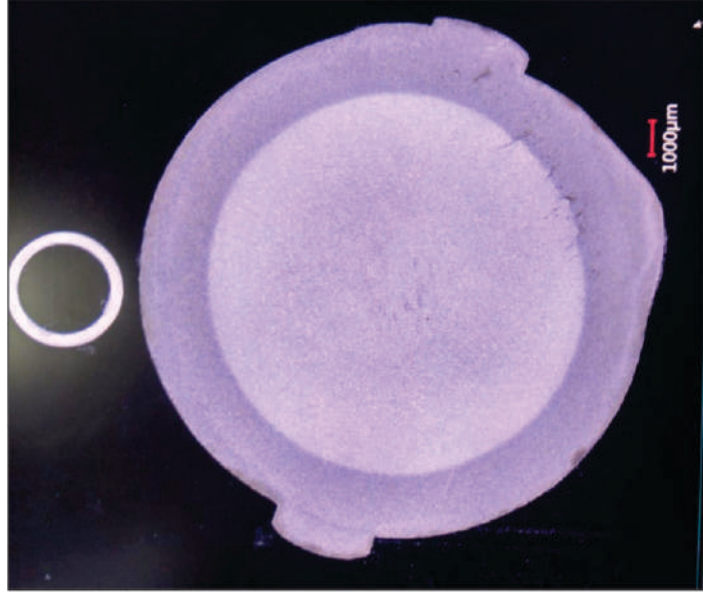
- After the Finishing stand, the hot bar passes through the Quenching system and receives a quick but intensive cooling of the surface with high pressured water.
- This converts the surface of the bar into hard Martensite structure while core remains Austenitic.
- The hot core reheats the cooled surface and hardens the eternal Martensite converting it into Tempered Martensite.
- On further cooling, the Austenite core transforms into a fine grained Ferrite Pearlite



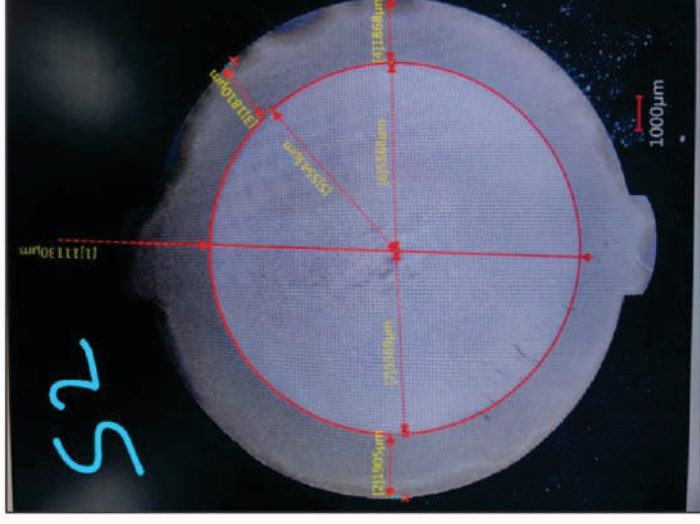
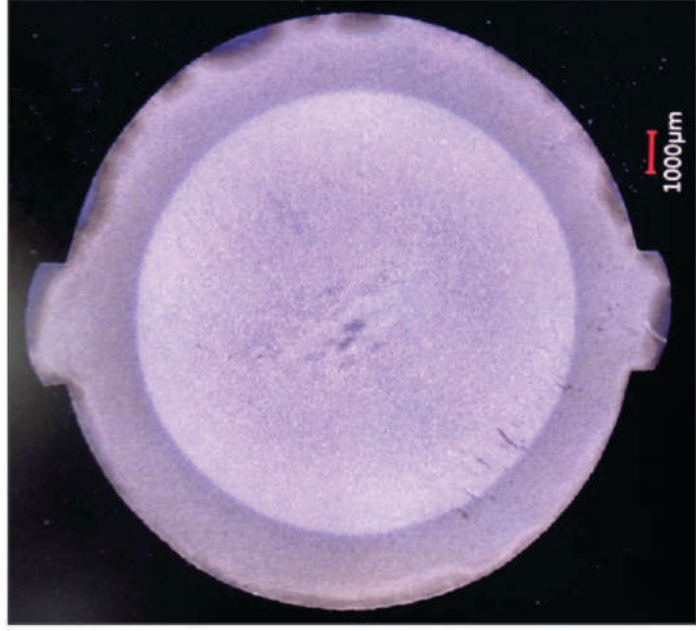
Macrostructure Analysis



Macrostructure Analysis - 16mm- Sample 1



Macrostructure Analysis - 16mm-
Sample 2

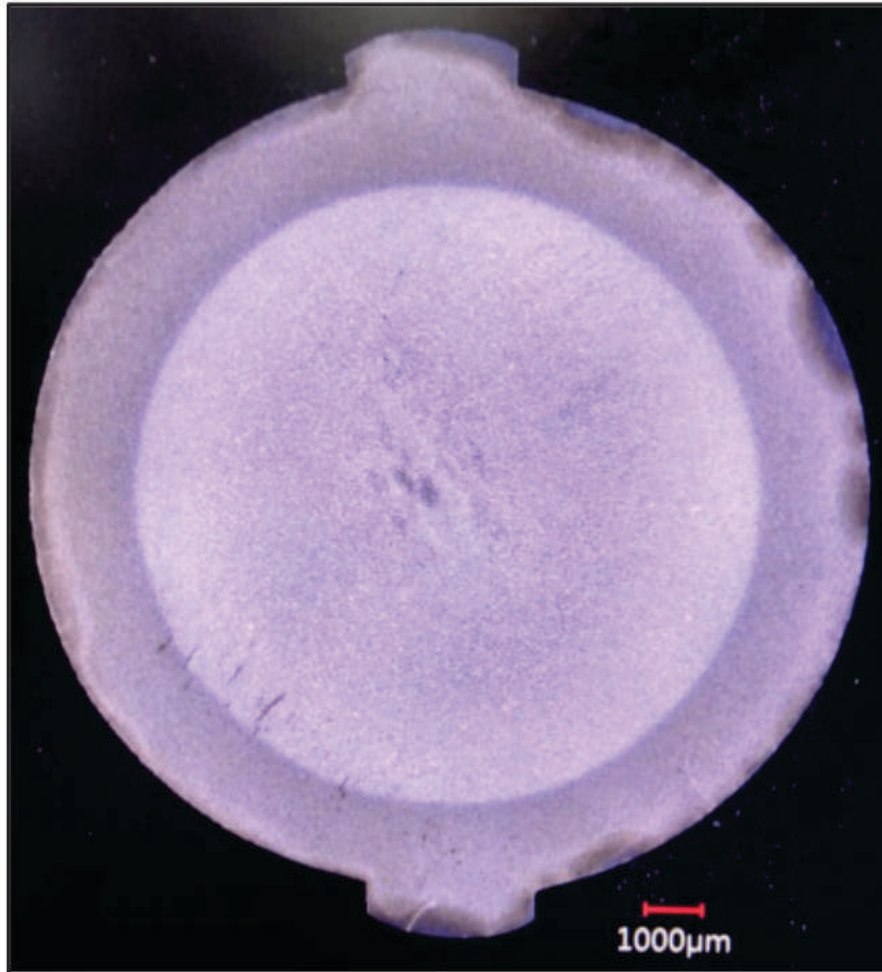


SBF
RAPiD >>>

SBF RAPiD THERMEX 550D TMT

मजबूत निर्माण सदा के लिए

SBF RAPID TMT BAR



SBF RAPiD THERMEX 550D





SBF RAPiD THERMEX 550D TMT

मजबूत निर्माण सदा के लिए

Only SBF makes
40 mm bars
in North India



SBF ISPAT PRIVATE LIMITED

Plot No. G 143 - 151 & F 109 - 117, General Zone Industrial Area,
Karoli, Bhiwadi, Alwar, Rajasthan, 301707

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