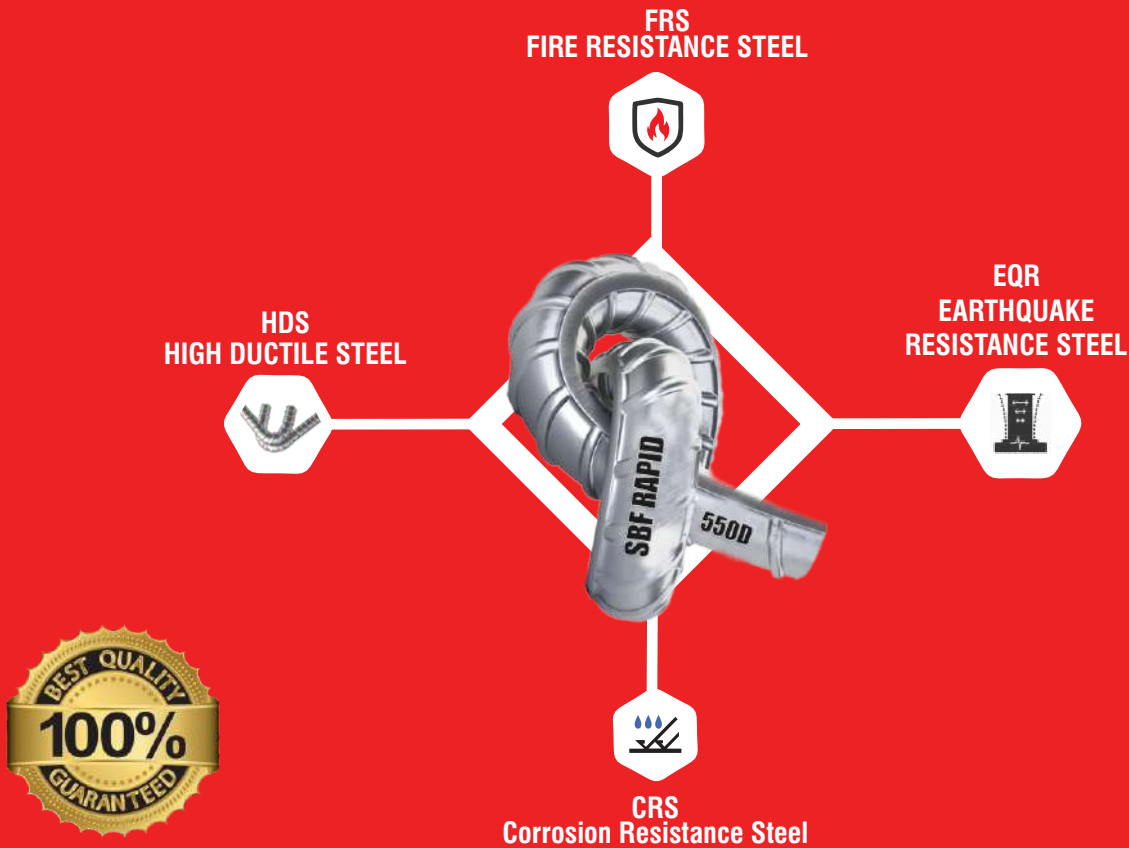


**SBF**  
**RAPiD** >>>  
मजबूत निर्माण सदा के लिए<sup>TMT</sup>

# 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 | [customer@sbfrapid.com](mailto:customer@sbfrapid.com) | [www.sbfrapid.com](http://www.sbfrapid.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 Fe-500D, 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 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 of 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



# Annexure.. Plant Images

# PLANT IMAGES





SBF RAPID

THERMEX

550D





**SBF RAPID**

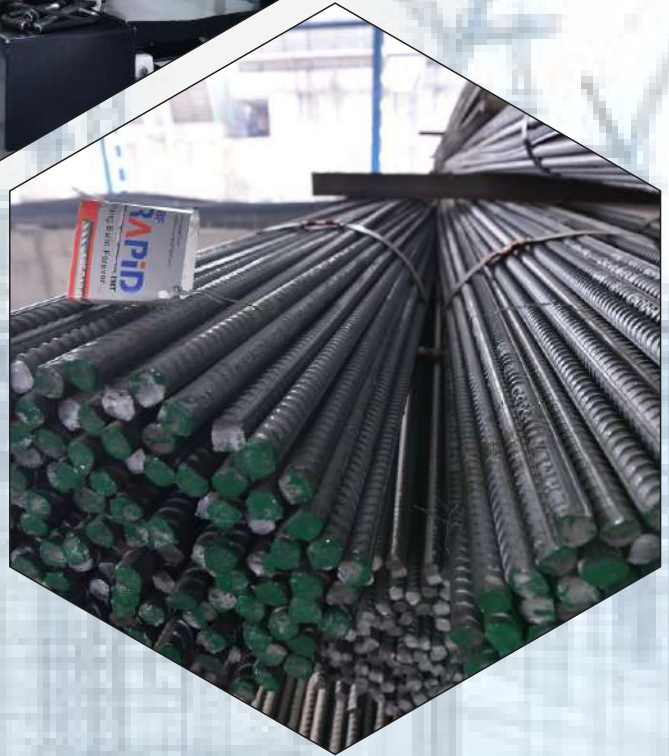
**THERMEX**

**550D**



1977





## Annexure..

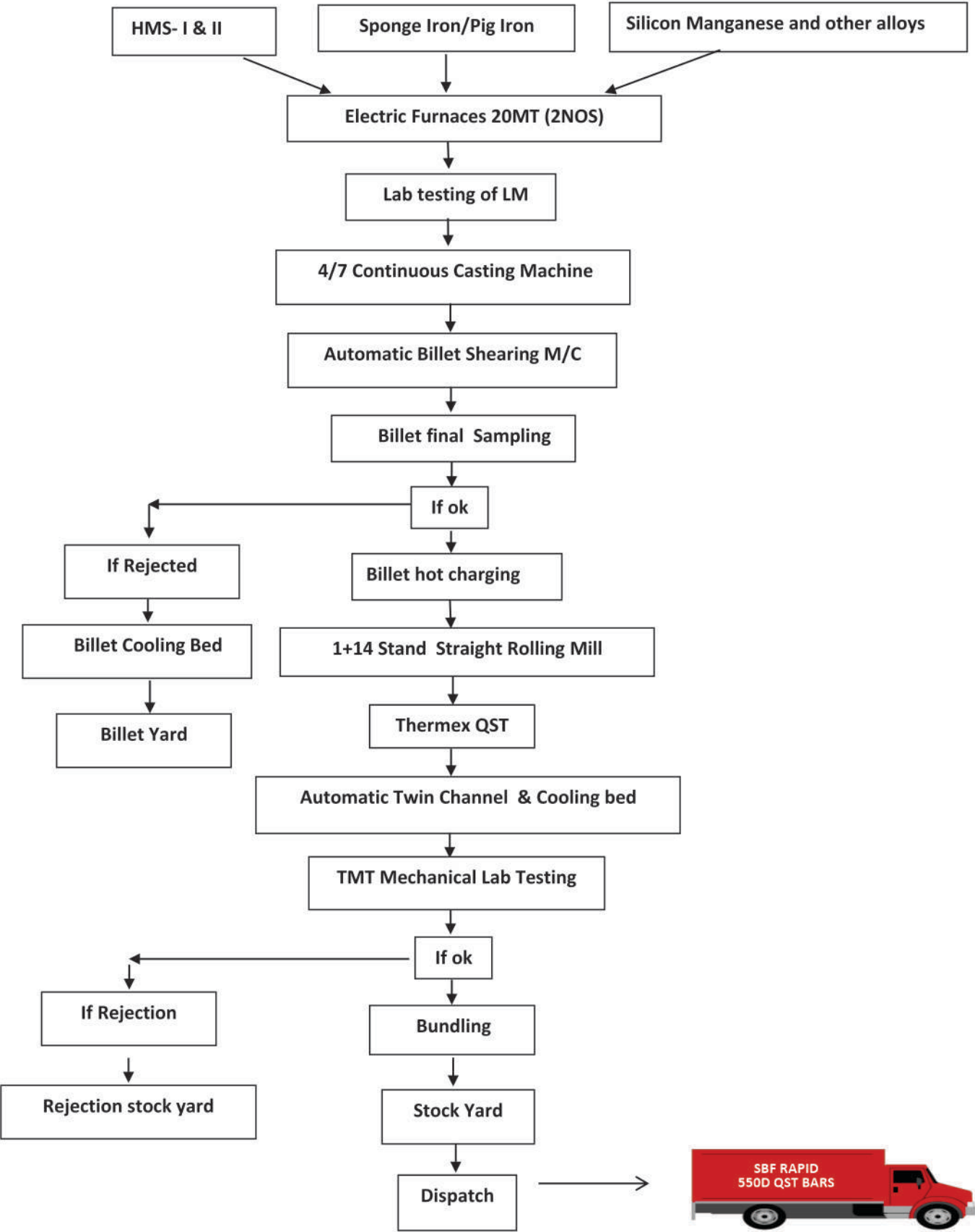
# Material flow of Integrated Steel Plant



# 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

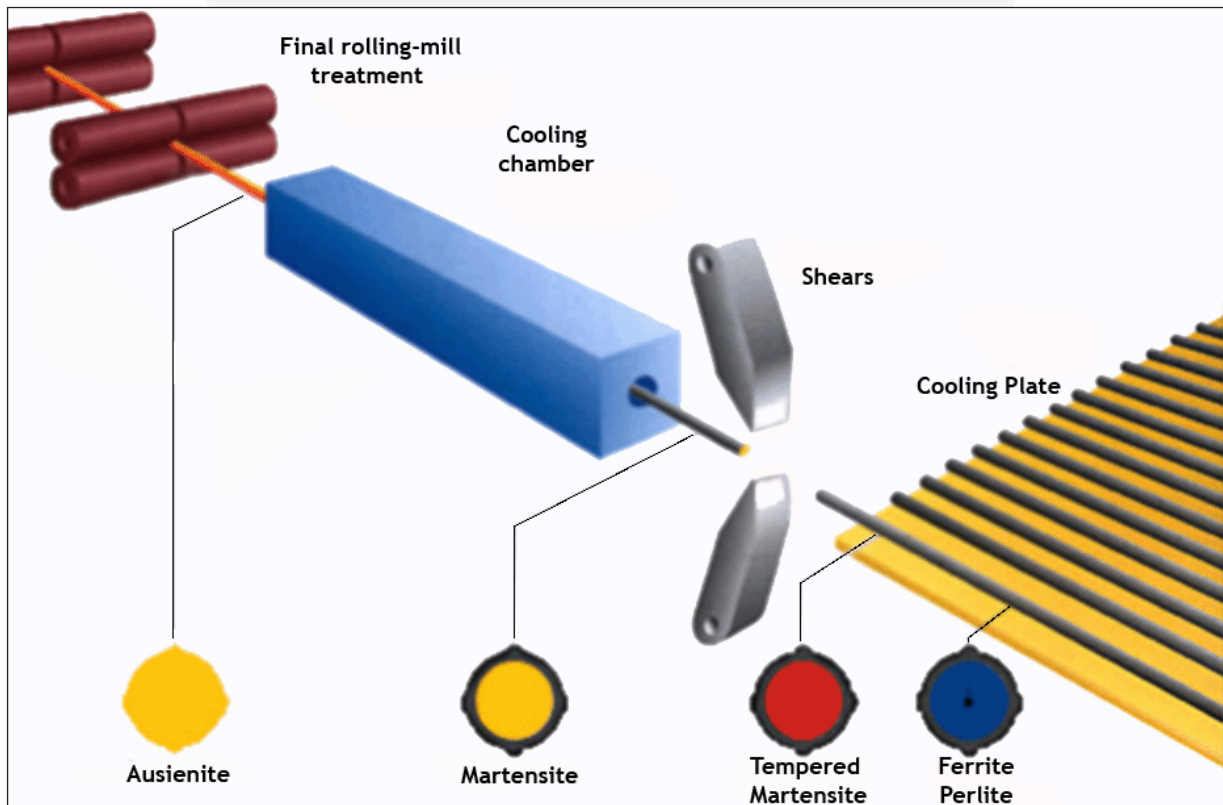


Automatic Straight Bundling with bar code



**SBF Rapid TMT** with sizes from 8 mm to 40mm

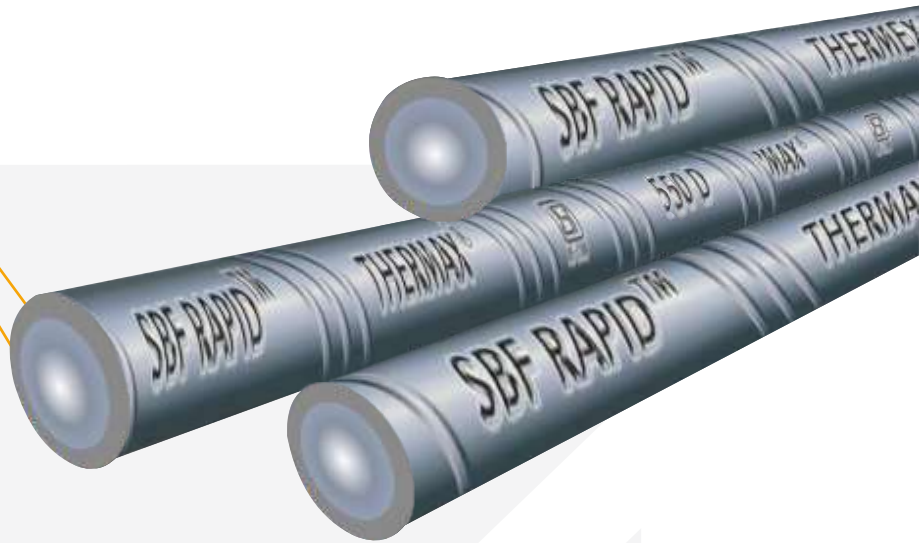
# The TMT/QST Rolling Process



# COMBINATION OF MICROSTRUCTURES

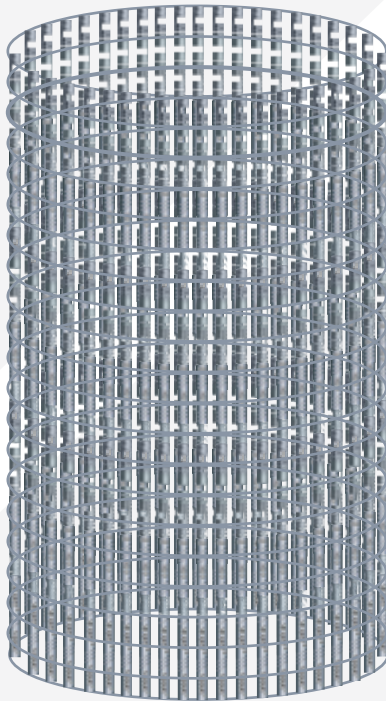
Self tempered Martensite in the case  
to deliver higher strength

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

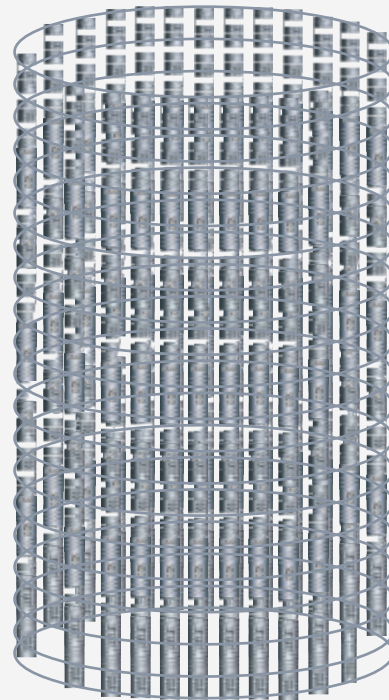


## BIGGER SAVING

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 WR



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/mm<sup>2</sup> and yield Strength 550 N/mm<sup>2</sup> 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.



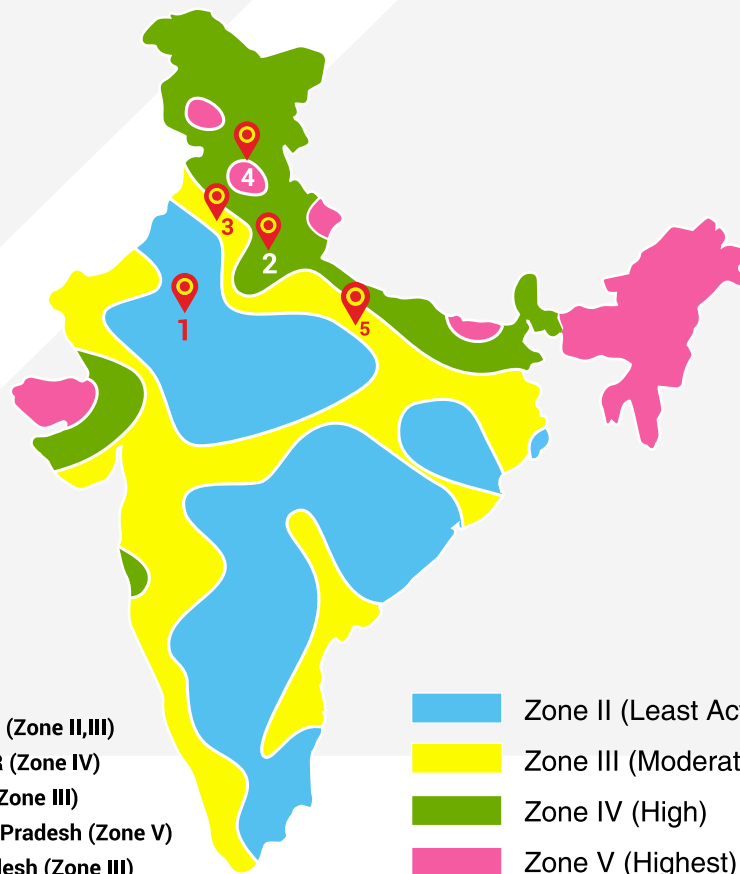
## HIGHER BONDING

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.



## SBF RAPiD QST BARS

### PHYSICAL PROPERTIES

Grade	FE-500D	FE-550D	FE-600	FE-700
Yield Stress (N/mm <sup>2</sup> )Min	500D	550D	600	700
Tensile Strength (N/mm <sup>2</sup> )Min. Ratio	≥1.10 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 565 N/mm <sup>2</sup>	≥1.08 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 600 N/mm <sup>2</sup>	≥1.06 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 660 N/mm <sup>2</sup>	≥1.04 More Than Actual 0.2% Proof Stress / Yield Stress But Not Less Than 760 N/mm <sup>2</sup>
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	<b>SBF RAPID</b>	BIS:1786	<b>SBF RAPID</b>	BIS:1786	<b>SBF RAPID</b>	BIS:1786	<b>SBF RAPID</b>
Carbon	0.25	<b>0.18-0.25</b>	0.25	<b>0.18-0.23</b>	0.30	<b>0.18-0.25</b>	0.30	<b>0.18-0.25</b>
Sulphur	0.040	<b>0.030-0.035</b>	0.040	<b>0.025-0.035</b>	0.040	<b>0.025-0.035</b>	0.040	<b>0.025-0.035</b>
Phosphorus	0.040	<b>0.028-0.035</b>	0.040	<b>0.025-0.035</b>	0.040	<b>0.025-0.035</b>	0.040	<b>0.025-0.035</b>
S+P	0.075	<b>0.062-0.070</b>	0.075	<b>0.060-0.070</b>	0.075	<b>0.060-0.070</b>	0.075	<b>0.060-0.070</b>

### 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	<b>0.379 - 0.390</b>	± 7%	± 4%
10	0.617	<b>0.592 - 0.600</b>	± 7%	± 4%
12	0.888	<b>0.861 - 0.880</b>	± 5%	± 3%
16	1.580	<b>1.532 - 1.560</b>	± 5%	± 3%
20	2.470	<b>2.420 - 2.450</b>	± 3%	± 2%
25	3.850	<b>3.773 - 3.840</b>	± 3%	± 2%
28	4.830	<b>4.735 - 4.800</b>	± 3%	± 2%
32	6.310	<b>6.184 - 6.300</b>	± 3%	± 2%
36	7.990	<b>7.800 - 7.900</b>	± 3%	± 2%
40	9.860	<b>9.663 - 9.860</b>	± 3%	± 2%



**Annexure**  
**Certificates, Technology & Licences**



सत्यमेव जयते

प्रारूप 1  
पंजीकरण प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U27205DL2010PTC206026

2010 - 2011

मैं 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](http://www.rajfab.rajasthan.gov.in) and entering Application No./ID after clicking the link for verification on the page.



# 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 HENIGSDORFER 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 **30<sup>th</sup> September 2022.**

for H&K ROLLING MILL ENGINEERS PVT. LTD.

Managing Director

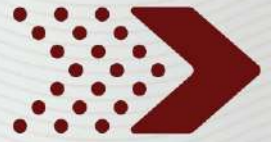


(THERMEX is the registered trademark of H&K in India and of HSE Germany in other countries)



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**

Client ID  
SB1169

Issue  
01

Date of Registration  
24-Jan-2022

Date of Issue  
24-Jan-2022

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](http://www.sagaciert.com))

  
A.C. Duman  
Authorised Signatory



**SAGACI CERTIFICATIONS PRIVATE LIMITED**

[www.sagaciert.com](http://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.

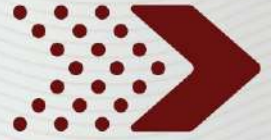
Further clarification regarding the scope of this certificate and verification of the certificate is available through SAGACI or [www.sagaciert.com](http://www.sagaciert.com).

Phone: 011-43601911, Email: [info@sagaciert.com](mailto:info@sagaciert.com), Web: [www.sagaciert.com](http://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**

Date of Registration  
24-Jan-2022

Client ID  
SB1169

Date of Issue  
24-Jan-2022

Issue  
01

Date of Expiry  
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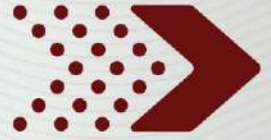
Further clarification regarding the scope of this certificate and verification of the certificate is available through SAGACI or [www.sagaciert.com](http://www.sagaciert.com).

Phone: 011-43601911, Email: [info@sagaciert.com](mailto:info@sagaciert.com), Web: [www.sagaciert.com](http://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 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](http://www.sagaciert.com))

  
A.C. Duman  
Authorised Signatory



**SAGACI CERTIFICATIONS PRIVATE LIMITED**

[www.sagaciert.com](http://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](http://www.sagaciert.com).

Phone: 011-43601911, Email: [info@sagaciert.com](mailto:info@sagaciert.com), Web: [www.sagaciert.com](http://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	<table border="1"> <thead> <tr> <th>SNo.</th> <th>Udyog Aadhaar Memorandum</th> <th>Units Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DL11B0005612</td> <td>SBF ISPAT PRIVATE LIMITED</td> </tr> </tbody> </table>		SNo.	Udyog Aadhaar Memorandum	Units Name	1	DL11B0005612	SBF ISPAT PRIVATE LIMITED														
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OFFICAL ADDRESS OF ENTERPRISE	<table border="1"> <thead> <tr> <th>Flat/Door/Block No.</th> <th>F-109-117&amp;G-143-</th> <th>Name of Premises/ Building</th> <th>SBF ISPAT PRIVATE LIMITED</th> </tr> </thead> <tbody> <tr> <td>Village/Town</td> <td>KAROLI</td> <td>Block</td> <td>GENERAL ZONE</td> </tr> <tr> <td>Road/Street/Lane</td> <td>RIICO INDUSTRIAL AREA</td> <td>City</td> <td>BHIWADI</td> </tr> <tr> <td>State</td> <td>RAJASTHAN</td> <td>District</td> <td>ALWAR , Pin 301707</td> </tr> <tr> <td>Mobile</td> <td>9810510396</td> <td>Email:</td> <td>SBFISPAT2017@GMAIL.COM</td> </tr> </tbody> </table>		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
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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)	<table border="1"> <thead> <tr> <th>SNo.</th> <th>NIC 2 Digit</th> <th>NIC 4 Digit</th> <th>NIC 5 Digit</th> <th>Activity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>24 - Manufacture of basic metals</td> <td>2410 - Manufacture of basic iron and steel</td> <td>24103 - Manufacture of steel in ingots or other primary forms, and other semi-finished products of steel</td> <td>Manufacturing</td> </tr> </tbody> </table>		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										
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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

Visit : [www.msme.gov.in](http://www.msme.gov.in) ; [www.dcmisme.gov.in](http://www.dcmisme.gov.in) ; [www.champions.gov.in](http://www.champions.gov.in)

Follow us @minmsme & @msmechampions



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

वेबसाईट/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.

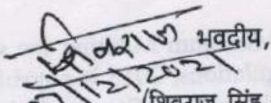
8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that 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,  
07/12/2021  
(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

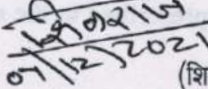
वैधता : 13 अक्टूबर, 2021 से 12 अक्टूबर, 2022

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 (नवीकरण) 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

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

भारतीय मानक ब्यूरो की ओर से  
for BUREAU OF INDIAN STANDARDS

  
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
स्थायी 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 <a href="https://dgft.gov.in">https://dgft.gov.in</a> or scan the QR Code
शाखा/इकाई /Branch Details	Refer online at <a href="https://dgft.gov.in">https://dgft.gov.in</a> 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.

**CEMOSA/AE/NHAI/Dharuhera/2022-23/140****Date: 15.07.2022**

To,  
The Authorized Signatory,  
Shivalaya Construction Co. (P) Ltd.  
Dharuhera, Haryana

**Subject:-**Authority Engineer for improvement of Dharuhera-Bhiwadi Link Road (NH-919, Old NH-71B) to 4lane with service road starting from NH 48 (KM 67.820) up to KM 22.400 of NH 919(4.3Km length) on EPC mode in the state of Haryana " **Regarding Test Reports of SBF Rapid Tmt Bar (Shriram Institute & Factory Visit Report).**

**Ref:** 1) Your letter no.SCCPL/2021-22/DB/304 Dated 21.06.2022.  
2)Our letter no. CEMOSA/AE/NHAI/Dharuhera/2022-23/102 dated 27.06.2022  
3)Your letter no.SCCPL/2021-22/DB/419 Dated 13.07.2022.

Dear Sir,

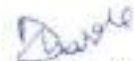
With reference to above subject matter, the source visit has been conducted and the samples have been collected, same has sent to third party lab. (M/s.Shriram Institute) and the test results found satisfactory as per codal provisions. The approval for the SBF Rapid Tmt Bar has been accorded as per the following conditions:

1. Supply of each for confirmation to requirement of Morth norms and related specification.
2. Every consignment should have MTC.
3. The physical and the chemical tests should be taken as per frequency from the third-party lab.
4. The right to reject the above said source reserved, if it is found that the product failed to the specification.

This is for your information and records.

With Regards,

For,  
**CEMOSA JV ARKITECHNO Consultant (India) Pvt Ltd.**  
In association with Introssoft Solutions.



**Dinesh Sharda**  
(Resident Cum Bridge Engineer)  
Dharuhera- Bhiwadi Link

Encl: As above

CC: 1.PD PIU Rewari

2. CEMOSA JV ARKITECHNO Consultant (India) Pvt Ltd. in association with Introssoft Solutions.



**Rajasthan State Road Development & Construction Corporation Ltd  
(Formerly RSBCC Ltd.)**

(A GOVERNMENT OF RAJASTHAN UNDERTAKING)

Unit Office :- Behind Jagdish Talkies, Near RECL Rest House, Bari Road, Dholpur-328001

Regd. Office: Setu Bhawan, Opposite Jhalana Doongri, Jaipur-Agra Bypass, Jaipur- 302004

E-Mail ID :- pdrsrdcdholpur@gmail.com

No:- PD/Dholpur/2022-23/1101

Date: 13/9/2022

मैसर्स मुरारी लाल सिंघल-केसीएल (जेवी)  
इमली वाली गली, संतर रोड,  
धौलपुर

विषय:-SBF Rapid 550D स्टील उपयोग में लिये जाने हेतु अनुमति के बावत्।  
संदर्भ:- आपका पत्रांक MLS-KCL(JV)/2022/011 दिनांक 13.09.2022

महोदय,

उपरोक्त विषयान्तर्गत लेख है कि मेडीकल कॉलेज करौली भवन का निर्माण कार्य आपको इस कार्यालय के कार्यादेश संख्या PD/Dholpur/2022-23/17 दिनांक 15.07.2022 द्वारा राशि रू0 1012999783.00 का जारी किया गया है जिसमें कार्य प्रारम्भ एवं समाप्ति तिथि क्रमशः 21.07.2022 एवं 20.01.2024 नियत है। आप द्वारा उक्त कार्य के लिये जो SBF Rapid 550D स्टील के टैस्ट परिणाम जो इस कार्यालय में प्रस्तुत किये गये हैं वह सा.नि.वि. के नार्म्स के अनुसार सही हैं और उक्त टैस्ट सर्टिफिकेट के आधार पर आपको SBF Rapid 550D स्टील को उपयोग में लेने की अनुमति प्रदान की जाती है।

(आर.ए. वर्मा)

परियोजना निदेशक

आर.एस.आर.डी.सी. लि. यूनिट धौलपुर

CC

1. SBF Ispat Pvt. Ltd. Karoli (Bhiwadi) Alwar

**Annexure..**

**Test Certificates / Inspection Reports**





# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

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ULR NO. : TC544422000009725F

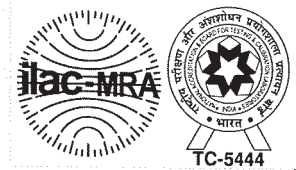
TEST REPORT

NO : C1/0000296128

**Issued To :**

Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-100  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. : -  
Customer Ref Dt. : 01-07-2022



**Sample Detail :**

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 8, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

**Job No : 2207-1-MET-100**

**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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.21	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.034	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.025	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.059	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

Note: The results (Rev-05) to the items tested / calibrated above.  
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.



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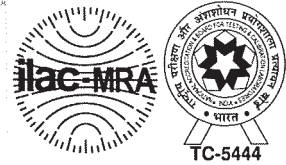
19, University Road, Delhi – 110007 (India)  
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Website : [www.shriraminstitute.org](http://www.shriraminstitute.org)  
E-mail id : [customercare@shriraminstitute.org](mailto:customercare@shriraminstitute.org)  
[qad@shriraminstitute.org](mailto:qad@shriraminstitute.org)

ULR NO. : TC544422000009725F

TEST REPORT

NO : C1/0000296128



## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.12	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm <sup>2</sup>	736	not less than 600	Yes	IS: 1608 (Pt-1)-2022
2	Yield Stress, N/mm <sup>2</sup>	653.3	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	20.0	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	0.387	Not less than 0.363	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	1.65	0.96 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	1.65	0.32 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

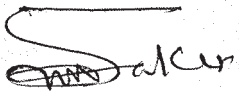
Remarks: The sample conforms to IS: 1786-2008 , RA 2018 with amendment No. 4 for Grade FE 550D w.r.t. above test parameters.

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

  
AUTHORISED SIGNATORY  
EMPLOYEE CODE: ( 5117 )

Note: The GC-01 (Rev-05) to the items tested / calibrated above.  
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

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[qad@shriraminstitute.org](mailto:qad@shriraminstitute.org)

ULR NO. : TC544422000009726F

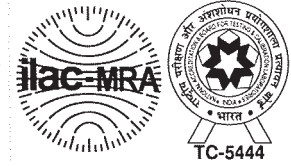
TEST REPORT

NO : C1/0000296131

**Issued To :**

Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-101  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. : -  
Customer Ref Dt. : 01-07-2022



**Sample Detail :**

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 10, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

**Job No : 2207-1-MET-101**

**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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.19	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	0.024	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.044	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

Note: The results (Rev. 05) to the items tested / calibrated above.  
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qad@shriraminstitute.org

ULR NO. : TC54442200009726F

TEST REPORT

NO : C1/0000296131

## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.14	≥ 1.08 but TS not less than 600	Yes Yes	IS: 1786-2008,RA 2018 IS: 1608 (Pt-1)-2022
	Tensile Strength, N/mm <sup>2</sup>	680			
2	Yield Stress, N/mm <sup>2</sup>	594.4	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	22.4	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	0.590	Not less than 0.568	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	1.83	1.20 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	1.83	0.40 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY

EMPLOYEE CODE:( 5117 )

Note: The results (Rev. 05) to the items tested / calibrated above.  
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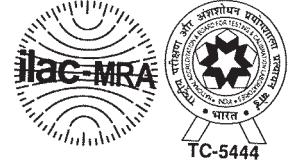
ULR NO. : TC544422000009727F

TEST REPORT

NO : C1/0000296132

Issued To :  
Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-102  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. :-  
Customer Ref Dt. : 01-07-2022



### Sample Detail :

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 12, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

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

The sample particulars provided in the Test Report are based on the declaration by the Customer.

Job No : 2207-1-MET-102

### 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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.18	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.022	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.023	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.045	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE: (5117)

Note: The results (Rev-05) to the items tested / calibrated above.  
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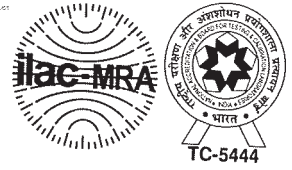
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Website : www.shriraminstitute.org  
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qad@shriraminstitute.org

ULR NO. : TC544422000009727F

TEST REPORT

NO : C1/0000296132



## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.12	≥ 1.08 but TS not less than 600	Yes Yes	IS: 1786-2008,RA 2018 IS: 1608 (Pt-1)-2022
	Tensile Strength, N/mm <sup>2</sup>	699			
2	Yield Stress, N/mm <sup>2</sup>	622.9	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	18.3	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	0.878	Not less than 0.835	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	2.72	1.80 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	2.72	0.60 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY

EMPLOYEE CODE: ( 5117 )

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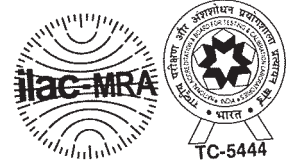
ULR NO. : TC544422000009728F

TEST REPORT

NO : C1/0000296133

Issued To :  
Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-103  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. :-  
Customer Ref Dt. : 01-07-2022



### Sample Detail :

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 16, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

Job No : 2207-1-MET-103

### 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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
<b>A. Chemical Test % by mass</b>					
i	Carbon	0.19	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.033	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.027	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.060	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

Note: The results are only valid to the items tested / calibrated above.  
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.



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E-mail id : customercare@shriraminstitute.org  
qad@shriraminstitute.org

ULR NO. : TC544422000009728F

TEST REPORT

NO : C1/0000296133

## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.16	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm <sup>2</sup>	700	not less than 600	Yes	IS: 1608 (Pt-1)-2022
2	Yield Stress, N/mm <sup>2</sup>	600.2	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	18.9	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	1.540	Not less than 1.485	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	4.23	2.40 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	4.23	0.80 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY  
EMPLOYEE CODE: ( 5117 )

Note: The results relate only to the items tested / calibrated above.  
Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

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E-mail id : [customercare@shriraminstitute.org](mailto:customercare@shriraminstitute.org)  
[qad@shriraminstitute.org](mailto:qad@shriraminstitute.org)

ULR NO. : TC54442200009729F

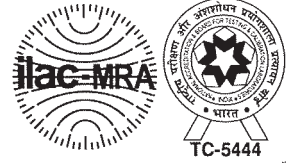
TEST REPORT

NO : C1/0000296134

**Issued To :**

Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-104  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. : -  
Customer Ref Dt. : 01-07-2022



**Sample Detail :**

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 20, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

**Job No : 2207-1-MET-104**

**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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.15	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.027	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.028	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.055	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

Note: The results relate only to the items tested / calibrated above.  
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E-mail id : customercare@shriraminstitute.org  
gad@shriraminstitute.org

ULR NO. : TC54442200009729F

TEST REPORT

NO : C1/0000296134

## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.15	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm <sup>2</sup>	647	not less than 600	Yes	IS: 1608 (Pt-1)-2022
2	Yield Stress, N/mm <sup>2</sup>	558.9	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	20.0	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	2.436	Not less than 2.371	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	5.29	3.40 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	5.29	1.13 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

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[qad@shriraminstitute.org](mailto:qad@shriraminstitute.org)

ULR NO. : TC544422000009730F

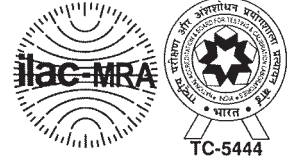
TEST REPORT

NO : C1/0000296135

Issued To :

Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-105  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. :-  
Customer Ref Dt. : 01-07-2022



Sample Detail :

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 25, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

Job No : 2207-1-MET-105

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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.21	0.25 Max.	Yes	IS:228 (Pt-1)1987,RA-2018
ii	Sulphur	0.023	0.040 Max.	Yes	IS:228 (Pt-9)1989,RA-2019
iii	Phosphorous	0.030	0.040 Max.	Yes	IS:228 (Pt-3)1987,RA-2018
iv	Sulphur+Phosphorous	0.053	0.075 Max.	Yes	IS:1786-2008,RA 2018

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5717 )

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gad@shriraminstitute.org

ULR NO. : TC54442200009730F

TEST REPORT

NO : C1/0000296135

## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.19	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm <sup>2</sup>	709	not less than 600	Yes	IS: 1608 (Pt-1)-2022
2	Yield Stress, N/mm <sup>2</sup>	593.3	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	17.6	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	3.811	Not less than 3.696	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	6.74	4.25 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	6.74	1.42 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

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ULR NO. : TC54442200009731F

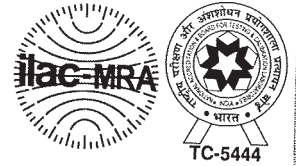
TEST REPORT

NO : C1/0000296136

**Issued To :**

Client Code : (DHAR01S4258)  
SHIVALAYA CONSTRUCTION CO PVT LTD  
NEAR IGL CNG PUMP, DHARUHERA BHIWADI LINK  
ROAD  
DHARUHERA  
HARYANA-123106  
Kind Attn: PRAMOD

Date : 11-07-2022  
Job No : 2207-1-MET-106  
Booking No : RG2223/1/3402  
Booking Date : 01-07-2022  
Customer Ref No. : -  
Customer Ref Dt. : 01-07-2022



**Sample Detail :**

ONE SAMPLE DESCRIBED AS TMT BAR, DIA IN MM - 32, BRAND NAME EMBOSSED ON - SBF RAPID THERMEX 550D, WAS RECEIVED.

The sampling was not carried out by SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH.  
The sample particulars provided in the Test Report are based on the declaration by the Customer.

**Job No : 2207-1-MET-106**

**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
<b>DISCIPLINE: CHEMICAL</b>					
<b>GROUP: METAL &amp; ALLOYS</b>					
A.	Chemical Test % by mass				
i	Carbon	0.17	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	0.037	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:(5117)

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gad@shriraminstitute.org

ULR NO. : TC54442200009731F

TEST REPORT

NO : C1/0000296136

## DISCIPLINE: MECHANICAL

### GROUP: MECHANICAL PROPERTIES OF METALS

#### B. Physical Tests

1	TS/YS ratio <sup>1)</sup>	1.17	≥ 1.08 but TS	Yes	IS: 1786-2008,RA 2018
	Tensile Strength, N/mm <sup>2</sup>	674	not less than 600	Yes	IS: 1608 (Pt-1)-2022
2	Yield Stress, N/mm <sup>2</sup>	572.8	550.0 Min.	Yes	IS: 1608 (Pt-1)-2022
3	Elongation (%) (Gauge Length 5.65 Sq Root Area)	19.4	14.5 Min.	Yes	IS: 1608 (Pt-1)-2022
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)	6.250	Not less than 6.058	Yes	IS: 1786-2008,RA 2018
7	Deformation & Surface Characteristics				
a.	Mean ribs area in mm <sup>2</sup> /mm length	6.98	5.44 Min.	Yes	IS: 1786-2008,RA 2018
b.	Mean projected area of transverse ribs in mm <sup>2</sup> /mm length	6.98	1.81 Min.	Yes	IS: 1786-2008,RA 2018

Note: 1) TS/YS ratio refers to ratio of tensile strength to the yield stress of the test piece.  
2) TS/YS ratio is reported on the basis of calculation from tensile strength and yield stress test parameters which are covered under our accredited scope.  
3) Sulphur and Phosphorous are covered under our accredited scope. Therefore Sulphur+Phosphorous reported on the basis of calculation for these parameter only.

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

DOR: 01/07/2022

DOS: 02/07/2022

DOC: 11/07/2022

\*\*\*\* End of Report\*\*\*\*

AUTHORISED SIGNATORY  
EMPLOYEE CODE:( 5117 )

Note: The results (Rev. 05) to the items tested / calibrated above.  
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# एमएसएमई-परीक्षण स्टेशन

सूक्ष्म लघु एवं मध्यम उद्यम मंत्रालय  
भारत सरकार

एमएसएमई-विकास संस्थान (भूतल),  
बाईस गोदाम औद्योगिक सम्पदा,  
जायपुर - 302 006, भारत



**MSME- TESTING STATION**  
Ministry of Micro, Small & Medium Enterprises  
Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

## TEST REPORT परीक्षण रिपोर्ट

Job No. MSME-TS/JPR/182/2022-23		Dated: 22-06-2022		
Report No.M-051		Dated: 28-06-2022		
Issued to: Project Director RSRDC Ltd. Unit - Dholpur		Samples Details:- T.M.T Bar of Nominal Dia. 8/10/12/16/20/25/32 mm (SBF Rapid Fe-550 D) One each = Total Seven Samples		
Party Ref. No PD/Dholpur/2022-23/436 Dated: 21-06-2022				
S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
1	Nominal Dia. 8.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	728.06 MPa	
(ii)	Yield Stress	Min.550 MPa	629.61 MPa	
(iii)	% Elongation	Min.14.5%	20.66 %	
(iv)	Nominal Mass	0.395 Kg./m+ not specified - 8 percent	0.383 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the re-bent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.196	
(ii)	Sulphur	Max 0.040+0.005 %	0.022	
(iii)	Phosphorus	Max 0.040+0.005 %	0.034	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.056	

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# एमएसएमई-परीक्षण स्टेशन

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भारत सरकार

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बाईस गोदाम औद्योगिक सम्पदा,  
जयपुर - 302 006, भारत



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Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

12/

Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
2	Nominal Dia.10.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	719.38 MPa	
(ii)	Yield Stress	Min.550 MPa	602.90 MPa	
(iii)	% Elongation	Min.14.5%	18.09 %	
(iv)	Nominal Mass	0.617 Kg/m+ not specified - 8 percent	0.573 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.224	
(ii)	Sulphur	Max 0.040+0.005 %	0.033	
(iii)	Phosphorus	Max 0.040+0.005 %	0.031	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.064	

*Prakash*  
सहायक निदेशक  
कृते निदेशक  
Contd. 3



# एमएसएमई-परीक्षण स्टेशन

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भारत सरकार

एमएसएमई-विकास संस्थान (भूतल),  
बाईस गोदाम औद्योगिक समूह,  
जयपुर - 302 006, भारत




MSME- TESTING STATION  
Ministry of Micro, Small & Medium Enterprises  
Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

13/

Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
3	Nominal Dia.12.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	687.11 MPa	
(ii)	Yield Stress	Min.550 MPa	571.69 MPa	
(iii)	% Elongation	Min.14.5%	19.83 %	
(iv)	Nominal Mass	0.888 Kg./m+ not specified - 6 percent	0.871 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.187	
(ii)	Sulphur	Max 0.040+0.005 %	0.031	
(iii)	Phosphorus	Max 0.040+0.005 %	0.032	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.063	

  
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कृते निदेशक  
Contd. 4

# एमएसएमई-परीक्षण स्टेशन

सूक्ष्म लघु एवं मध्यम उद्यम मंत्रालय  
भारत सरकार

एमएसएमई-विकास संस्थान (भूतल),  
बाईस गोदाम औद्योगिक सम्पदा,  
जयपुर - 302 006, भारत



**MSME- TESTING STATION**  
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MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

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Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
4	Nominal Dia.16.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	716.59 MPa	
(ii)	Yield Stress	Min.550 MPa	608.17 MPa	
(iii)	% Elongation	Min.14.5%	16.52 %	
(iv)	Nominal Mass	1.580 Kg./m+ not specified - 6 percent	1.557 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.167	
(ii)	Sulphur	Max 0.040+0.005 %	0.032	
(iii)	Phosphorus	Max 0.040+0.005 %	0.032	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.064	

*28/6*  
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कृते निदेशक  
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# एमएसएमई-परीक्षण स्टेशन

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भारत सरकार

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बाईस गोदाम औद्योगिक सम्पदा,  
जयपुर - 302 006, भारत



**MSME- TESTING STATION**  
Ministry of Micro, Small & Medium Enterprises  
Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

151

Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
5	Nominal Dia.20.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	663.52 MPa	
(ii)	Yield Stress	Min.550 MPa	567.05 MPa	
(iii)	% Elongation	Min.14.5%	17.11 %	
(iv)	Nominal Mass	2.470 Kg./m+ not specified - 4 percent	2.409 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.133	
(ii)	Sulphur	Max 0.040+0.005 %	0.029	
(iii)	Phosphorus	Max 0.040+0.005 %	0.036	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.065	

*Pringh 28/*

सहायक निदेशक  
कृते निदेशक  
Contd. 6

# मएसएमई-परीक्षण स्टेशन

सूक्ष्म लघु एवं मध्यम उद्यम मंत्रालय  
भारत सरकार

एमएसएमई-विकास संस्थान (भूतल),  
बाईस गोदाम औद्योगिक सम्पदा,  
जयपुर - 302 006, भारत



**MSME- TESTING STATION**  
Ministry of Micro, Small & Medium Enterprises  
Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

16/

Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
6	Nominal Dia.25.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	667.73 MPa	
(ii)	Yield Stress	Min.550 MPa	561.31 MPa	
(iii)	% Elongation	Min.14.5%	19.43 %	
(iv)	Nominal Mass	3.850 Kg./m+ not specified - 4 percent	3.791 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.157	
(ii)	Sulphur	Max 0.040+0.005 %	0.038	
(iii)	Phosphorus	Max 0.040+0.005 %	0.036	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.074	

*28/6/22*  
सहायक निदेशक  
कृते निदेशक  
Contd. 7

# एमएसएमई-परीक्षण स्टेशन

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
भारत सरकार

एमएसएमई-विकास संस्थान (पुल्ल),  
बाईस गोदाम औद्योगिक सम्पदा,  
जयपुर - 302 006, भारत



## MSME- TESTING STATION

Ministry of Micro, Small & Medium Enterprises  
Government of India  
MSME-DI (Ground Floor)  
Bais Godam Industrial Estate  
JAIPUR - 302 006, India

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Report No. M-051 Dated: 28-06-2022

S. No	Name of Test	Test Parameter as per IS:1786-2008 (Reaffirmed 2018) Grade Fe-550 D	Observed Values	Remarks
7	Nominal Dia 32.0 mm			
1.	Physical Tests			
(i)	Tensile Strength	Min.600 MPa	678.86 MPa	
(ii)	Yield Stress	Min.550 MPa	574.80 MPa	
(iii)	% Elongation	Min.14.5%	17.64 %	
(iv)	Nominal Mass	6.310 kg/m + not specified - 4 percent	6.254 kg./meter	
(v)	Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the bent portion	No cracks observed	
(vi)	Re-Bend test	There shall not be any rupture or cracks visible to a person of normal or corrected vision on the rebent portion	No cracks observed	
2.	Chemical Tests		Content % by Wt.	
(i)	Carbon	Max 0.25+0.02 %	0.125	
(ii)	Sulphur	Max 0.040+0.005 %	0.027	
(iii)	Phosphorus	Max 0.040+0.005 %	0.039	
(iv)	Sulphur and Phosphorus	Max 0.075+0.010 %	0.066	

Note:-This report pertains to the particulars sample submitted for test. This report may not be reproduced, except in full, without prior written permission. Testing has been carried out as per Rules and General procedure as detailed in Range of Testing facilities prepared by MSME Testing Centre, New Delhi.

*Singh* 28/6/22  
सहायक निदेशक  
कृते निदेशक



**BUREAU  
VERITAS**

**Report No. C/IGI/FST225760/22-23/18617**

**DATE : 20.09.2022**

**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 11.09.2022 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	11 SR 11A		IGI/SBF/56	Mill Test report No.	7897								
16 MM					7898								
MILL TEST RESULT													
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPERTIES			
		C %	S %	P %	S+P %	MN %	CE %			Yield Stress N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation %	Bend Test
11 SR 11A	NILL	0.221	0.0319	0.0339	0.0658	0.470	0.30	1	1.513	574	676	17.25	OK
11 SR 11A	NILL	0.222	0.0315	0.0332	0.0647	0.466	0.30	2	1.522	579	668	16.98	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											


<p><b><u>Spectrometer Machine</u></b>                  Serial No. : 00044961                  Date of Calibration : 14.09.2022                  Validity of Calibration : 14.01.2023</p>	<p><b><u>Universal Testing Machine</u></b>                  Serial No.: 3/2021-6573                  Date of Calibration :- 28.12.2021                  Validity of Calibration : 28.12.2022</p>
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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/FST225760/22-23/18618**

**DATE : 20.09.2022**

**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 13.09.2022 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							
20 MM	13 SR 6A		IGI/SBF/71		Mill Test report No.		7988							
20 MM							7989							
MILL TEST RESULT														
Heat No.	QNT MT	CHEMICAL COMPOSITION							Sample No.	Sectional weight (kg/m)	MECHANICAL PROPOERTIES			
		C %	S %	P %	S+P %	MN %	CE %	Yield Stress N/mm <sup>2</sup>			Tensile Strength N/mm <sup>2</sup>	Elongation %	Bend Test	
13 SR 6A	NILL	0.227	0.0254	0.0288	0.0542	0.612	0.33	1	2.440	588	708	16.92	OK	
13 SR 6A	NILL	0.231	0.0271	0.0295	0.0566	0.620	0.33	2	2.423	581	687	17.00	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												


<p><b><u>Spectrometer Machine</u></b>                  Serial No. : 00044961                  Date of Calibration : 14.09.2022                  Validity of Calibration : 14.01.2023</p>	<p><b><u>Universal Testing Machine</u></b>                  Serial No.: 3/2021-6573                  Date of Calibration :- 28.12.2021                  Validity of Calibration : 28.12.2022</p>
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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.

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

  
**INSPECTORATE**  
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 Block-EM04, Salt Lake, Sector -V  
 Kolkata-700091, India  
 Tel: +91 33 6644 6600  
 www.bureauveritas.com



**Report No. C/IGI/FST225760/22-23/18619**

**DATE : 20.09.2022**

**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 14.09.2022 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							
25 MM	14 SR 5B		IGI/SBF/81		Mill Test report no.		8039							
25 MM							8040							
MILL TEST RESULT														
Heat No.	QNT MT	CHEMICAL COMPOSITION							Sample No.	Sectional weight (kg/m)	MECHANICAL PROPOERTIES			
		C %	S %	P %	S+P %	MN %	CE %	Yield Stress N/mm <sup>2</sup>			Tensile Strength N/mm <sup>2</sup>	Elongation %	Bend Test	
14 SR 5B	NILL	0.214	0.0269	0.0275	0.0544	0.593	0.31	1	3.841	594	702	16.50	OK	
14 SR 5B	NILL	0.192	0.0261	0.0285	0.0546	0.586	0.29	2	3.807	578	685	16.88	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												

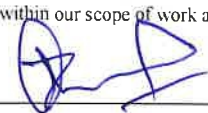
<p><b><u>Spectrometer Machine</u></b>          Serial No. : 00044961          Date of Calibration : 14.09.2022          Validity of Calibration : 14.01.2023</p>	<p><b><u>Universal Testing Machine</u></b>          Serial No.: 3/2021-6573          Date of Calibration :- 28.12.2021          Validity of Calibration : 28.12.2022</p>
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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.

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

  
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**BUREAU  
VERITAS**

**Report No. C/IGI/FST225760/22-23/18623**

**DATE : 20.09.2022**

**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 25.08.2022 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						
32 MM	25 SR 6A		IGI/SBF/166		Mill Test report no.		6997						
32 MM							6998						
MILL TEST RESULT													
Heat No.	QNT MT	CHEMICAL COMPOSITION						Sample No.	Sectional weight (kg/m)	MECHANICAL PROPOERTIES			
		C %	S %	P %	S+P %	MN %	CE %			Yield Stress N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation %	Bend Test
25 SR 6A	NILL	0.219	0.0265	0.0307	0.0572	0.699	0.34	1	6.250	600	716	16.05	OK
25 SR 6A	NILL	0.224	0.0277	0.0318	0.0595	0.702	0.34	2	6.220	586	711	16.81	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											


<b><u>Spectrometer Machine</u></b> Serial No. : 00044961 Date of Calibration : 14.09.2022 Validity of Calibration : 14.01.2023	<b><u>Universal Testing Machine</u></b> Serial No.: 3/2021-6573 Date of Calibration :- 28.12.2021 Validity of Calibration : 28.12.2022
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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.

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**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/GGN/TH/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/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	TOTAL El. %	Ar Value	Bend / Rebind 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	24SR3A	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

*Lanjay Lalit*

SGS India Private Limited  
 SGS House  
 48 Adi Shankaracharya Marg  
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 F +91 22 6640 8833

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**TEST REPORT**

JOB ORD NO: 2036201

T.R.NO. : SGS/IGN/IT/SFBI/002  
DATE: 27.09.2021

TMT BARS								Product Specification							
Size (Dia)	Total Qty (MT)	Inspection Date						Grade	Packing	Internal TC Ref					
16 mm	131.562 MT	25.09.2021						Fe 550D	Straight - Bundle	Dtd. 20&21.09.2021					
TEST RESULTS															
S.No.	HEAT NO/LOT NO.	CHEMICAL COMPOSITION						Sample No.	Sectional Weight (kg/m)	MECHANICAL PROPERTIES					
		C%	S%	P%	Mn%	Si+P %	CE%			Yield Stress N/mm2	Tensile Strength N/mm2	TOTAL El. %	Ar Value	Bend / Rebar Test	
1	14SR38	0.165	0.0237	0.0237	0.432	0.0474	0.237	01	1.532	590	667	18.75	3.88	OK	
2	17SR18	0.171	0.0285	0.0266	0.445	0.0551	0.245	02	1.539	595	676	19.37		OK	
3	15SR28	0.184	0.0313	0.0310	0.359	0.0623	0.277	03	1.524	605	719	15.75		OK	
4	16SR1A	0.228	0.0294	0.0281	0.578	0.0575	0.374	04	1.515	606	720	15.50		OK	
5	16SR48	0.178	0.0244	0.0252	0.450	0.0496	0.253	05	1.527	643	713	15.00	3.24	OK	
6	15SR1A	0.158	0.0216	0.0228	0.428	0.0444	0.229	06	1.935	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 SRF 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 corrosion of calibration or 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

*Lanjay Lattje*



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The authenticity of this document may be verified at [www.sgs.com/india](http://www.sgs.com/india)



F.No. FO1 (7A)

**TEST-REPORT**

Issued to:

M/s. SBF ISPAT LIMITED

Plot No-F 109-117 & G-143-151,

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

*W. S. S. S.*  
Lab Incharge

*W. S. S. S.*  
Page-1/3  
Mundka

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 : ntl Delhi@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. : 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 Amd.-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.	<u>Bond Requirements</u> (Cl. 5)	IS 1786:2008		
(i)	Mean Projected RIB Area Per Unit Length (mm <sup>2</sup> per mm)		5.98	5.44 Min.
(ii)	Mean projected Area of Transverse RIBS, mm <sup>2</sup>		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 <sup>2</sup> (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)*  
Authorized Signatory

*(Signature)*  
Lab Incharge

Authorized 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.

**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 : 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. : 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 Amend.-4 Grade Fe-500D
<b>(A) Chemical Parameters</b>				
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.	<b>Micro Alloying Elements (Cl. 4.2, Note-2)</b>			
(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>(B) Mechanical Parameters</b>				
8.	Yield Stress, N/mm <sup>2</sup> (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	628.0	500.0 Min
9.	Tensile Strength, N/mm <sup>2</sup> (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

- The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
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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



F.No. FO1 (7.8)

# NATIONAL TESTING LABORATORY PVT. LTD.

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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

## TEST-REPORT

Issued to:

M/s. SBF ISPAT LVT I.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 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 : 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

*Vishek*  
*Verma*  
**Lab Incharge**

*NTL*  
*NTL*  
**Page:- 1/3.**

**Authorised Signatory**

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**AN ISO 9001:2015 / BIS RECOGNISED LABORATORY**



## TEST-REPORT

Issued to:  
M/s. SBP 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)	<b>Chemical Parameters</b>			
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.	<b>Micro Alloying Elements (Cl. 4.2, Note-2)</b>			
(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)	<b>Mechanical Parameters</b>			
8.	Yield Stress, N/mm <sup>2</sup> (Cl. 8.1, Table-3)	IS 1608(Pt-1):2018	602.0	550.0 Min
9.	Tensile Strength, N/mm <sup>2</sup> (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. J. Lal  
Lab Incharge

  
B. N. Jha  
Quality Manager  
Authorised Signatory

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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.	<b>Bond Requirements</b> (Cl. 5)	IS 1786:2008		
(i)	Mean Projected RIB Area Per Unit Length (mm <sup>2</sup> per mm)		5.86	5.44 Min.
(ii)	Mean projected Area of Transverse RIBS, mm <sup>2</sup>		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 <sup>2</sup> (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

Lab Incharge

Authorised Signatory

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**AN ISO 9001:2015 / BIS RECOGNISED LABORATORY**

**Annexure..**  
**Purchase Orders**

**PURCHASE ORDER**

<b>VENDOR</b> SBF IS-PAT PRIVATE LIMITED G 143 151, PLOT NO F 109 117, General Zone industrial area Karoli Bhiwadi Alwar 301019 State : Rajasthan State Code : 08		PO Number : 5000003284 PO Date : 22.11.2021 Bill To <b>COMPANY</b> : ADVANCE INDIA PROJECTS LIMITED Sector-66 Gurugram 122001 State : Haryana State Code : 06
GST NUMBER : 08AADCS6177P1Z9 PAN Number : AAOC6177P	Company's GST No. : 06AACCA9859J1Z8 Ship To : AIPL Autograph Sector-66 Gurugram-122001 State : Haryana State Code : 06	
Contact Person : VINEET Contact Number : 9999623022	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
<b>Sub Total</b>							<b>28,595,000.00</b>
<b>IGST</b>							<b>5,147,100.00</b>
<b>GRAND TOTAL(INR)</b>							<b>33,742,100.00</b>

**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 PL
Warranty Period	:
Others Terms and Conditions	:

## PURCHASE ORDER

<b>VENDOR</b> SBF ISPAT PRIVATE LIMITED G-143 B1, PLOT NO F 109 117, General Zone Industrial area Kuroli Balwadi Alwar 301019 State - Rajasthan State Code : 08  GST NUMBER : 08AAOCS6177P-129 PAN Number : AAOCS6177P  Contact Person : VINNET Contact Number : 9999623022	PO Number : 5000003294 PO Date : 23.11.2021 Bill To <b>COMPANY</b> : ADVANCE INDIA PROJECTS LIMITED Sector-65 Gurugram 122001 State : Haryana State Code : 03  Company's GST No. : 06AACCAS869J128 Ship To : AIPL Joy Central ,Sector-65 Gurugram-122001 State : Haryana State Code : 06  Site Contact Person : AJAY GANDESH Site Contact Number : 6512004110
--	--

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	10000199	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	882,750.00
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
<b>Sub Total</b>							<b>6,150,000.00</b>
<b>IGST</b>							<b>1,107,000.00</b>
<b>GRAND TOTAL(INR)</b>							<b>7,257,000.00</b>

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

<b>Terms &amp; Conditions :</b>	
Price Basis	: FDR 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

<b>VENDOR</b> SBF ISPAT PRIVATE LIMITED G-143/151, PLOT NO F 109/117, General Zone Industrial area Karoli Bilwadi Alwar 301019 State - Rajasthan State Code : 08  GST NUMBER : 09AA00S8177P1Z9 PAN Number : AA00S8177P  Contact Person : VINNET Contact Number : 9899623022	PO Number : 5000003294 PO Date : 23.11.2021 Bill To <b>COMPANY</b> : ADVANCE INDIA PROJECTS LIMITED Sector-66 Gurugram 122001 State : Haryana State Code : 09  Company's GST No. : 06AACC0A8869J1Z8 Ship To : AIPL Joy Central Sector-66 Gurugram-122001 State : Haryana State Code : 06  Site Contact Person : AJAY GANDESH Site Contact Number : 8512004110
--	---

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	10000199	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	639,750.00
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	1,562,500.00
<b>Sub Total</b>							<b>6,150,000.00</b>
<b>IGST</b>							<b>1,107,000.00</b>
<b>GRAND TOTAL (INR)</b>							<b>7,257,000.00</b>

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

<b>Terms &amp; Conditions</b> :	
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.


**TUBE INVESTMENTS OF INDIA LTD**  
 UNIT : TII 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
<b>Total</b>							<b>50660000</b>		<b>9118800</b>	<b>59778800</b>

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

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-<[bfrapid.dcs@gmail.com](mailto:bfrapid.dcs@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
<b>TOTAL</b>			<b>136</b>		<b>83,19,472.00</b>

**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

购买订单  
purchase order

订单号: steel-002 P. O. No: steel-002		订单日期: 2022年7月27日 Order date: Jul 27, 2022							
To satya steel trading CO. Near G.D Goonka School sohna 122103 GST: 06AELFS3647A1Z4		公司地址 (Invoice with this address) : Address of Principal Place of Business: 2nd Floor, SF 221, IT COMPLEX AND JMD MEGAPOLIS, SOHNA ROAD, TIRRI VILLAGE, Gurgaon, Haryana, 122001 我可GST税务信息如下: Our GST Tax Information is as follows: 名称: CHINA CONSTRUCTION SAUSUM (INDIA) PRIVATE LIMITED Name: CHINA CONSTRUCTION SAUSUM (INDIA) PRIVATE LIMITED GST税号: 06AAAR000788M1Z9							
序号 No.	材料名称 Name	型号 Model	单位 Unit	数量 Quantity	单价 (不含税) Unit Rate (without tax)	总金额 Total	到货时间 Arrival time	付款方式 Payment method	备注 Remark
1	钢筋 Reinforcement	Fe500D 10mm	Ton	200	60000	12000000.00	05-Aug-22	先给我们发票, 然后 我们付100%的预付款 Give us the invoice first, then we pay 100%	供应钢筋的品牌为: The brands that supply steel bars are SBR Rapid 550 D
不含税总金额 Total tax not included						12000000.00			
运费Transportation Charge Rs =						INCLUSIVE			
GST						2160000.00			
总金额 Total						14160000.00			

送货地点:

Material supply location:

Opko project department

承包范围: 货物价款、税金、运费、过路过桥费、包装费、保险费、管理费、地方保护费

Supplier contracting scope: Material price, tax amount, freight, toll fee (road, river, bridge), package fee, insurance, loading, management fee, local protection fee

货币单位: 卢比

Currency unit: India rupee

交货的同时必须提供合格证与检验报告, 假如产品检验不合格我们有权退货并要求赔偿。

At the same time of delivery, the certificate and inspection report must be provided. If the product inspection is unqualified, we have the right to return and claim compensation.

如我司有其他需求会在订单中进行增补

If any other requirement, we will remark further in our PO.



**ATS REALWORTH PRIVATE LIMITED**

711/92,DEEPALI,  
NEHRU PLACE

**PURCHASE ORDER**

<b>Supplier Name &amp; Address:</b> <b>SBF ISPAT PRIVATE LIMITED</b>  PLOT NO: F109-117 & G143-151 INDUSTRIAL AREA KAROLI BHIWADI GST LOCATION- RAJASTHAN <b>GSTIN- 08AAOCS6177P1Z9</b>  agmprojects@sbrapid.com  AALCA0065F	Order No. : IJPOIND/00101/22-23 Order Date : 25-Jul-2022	<b>Billing Add/ Delivery Add/ Project Site:</b>  ATS GRANDSTAND SECTOR 99A,, <b>GSTIN- 06AALCA0065F1Z0</b>  Contact Person-Mr. Bhopinder Contact No- 7009600633
	Quotation No. : COMP/STEEL/JUL-58/21-22 Quotation Date : 22-Jul-2022	
	Kind Attention : Mr. Aatul Muunjai Tele- : 9810510396 9810510396	

Dear Sir Please supply the following Materials/items in accordance with your Quotation and subject to following terms and condition

#	ITEM CODE	HSN NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	Delivery Due Date
1	-0255	72142090	STEEL TMT 25 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00021/22-23  IGST(NON ITC)@ 18% - 803430	MT	79.000	56,500.000	4,463,500.00	06-08-2022
2	-0058	72142090	STEEL TMT 20 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00021/22-23  IGST(NON ITC)@ 18% - 833940	MT	82.000	56,500.000	4,633,000.00	06-08-2022
3	-0057	72142090	STEEL TMT 16 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00021/22-23  IGST(NON ITC)@ 18% - 213570	MT	21.000	56,500.000	1,186,500.00	06-08-2022
4	-0057	72142090	STEEL TMT 16 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00024/22-23  IGST(NON ITC)@ 18% - 152550	MT	15.000	56,500.000	847,500.00	06-08-2022

Created By: kunal.singh

For, ATS REALWORTH PRIVATE LIMITED

Prepared & Review by

Authorised Signatory

Received & Accepted by supplier

Date :

Page 1 of 3

**ATS REALWORTH PRIVATE LIMITED**  
711/92,DEEPALI,  
NEHRU PLACE

**PURCHASE ORDER**

<b>Supplier Name &amp; Address:</b> <b>SBF ISPAT PRIVATE LIMITED</b>  PLOT NO: F109-117 & G143-151 INDUSTRIAL AREA KAROLI BHIWADI GST LOCATION- RAJASTHAN <b>GSTIN- 08AAOCS6177P1Z9</b>  agmprojects@sbfrapid.com  AALCA0065F	Order No. : IJPOIND/00101/22-23 Order Date : 25-Jul-2022	<b>Billing Add/ Delivery Add/ Project Site:</b>  ATS GRANDSTAND SECTOR 99A,, <b>GSTIN- 06AALCA0065F1Z0</b>  Contact Person-Mr. Bhopinder Contact No- 7009600633
	Quotation No. : COMP/STEEL/JUL-58/21-22 Quotation Date : 22-Jul-2022	
	Kind Attention : Mr. Aatul Muunjai	
	Tele- : 9810510396 9810510396	

#	ITEM CODE	HSN NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	Delivery Due Date	
5	-0057	72142090	STEEL TMT 16 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00025/22-23  IGST(NON ITC)@ 18% - 508500	MT	50.000	56,500.000	2,825,000.00	06-08-2022	
6	-0056	72142090	STEEL TMT 12 MM FE 500  SBF RAPID THERMEX FE 550 CHEMICALLY & PHYSICALLY TESTED  IJINDAUTO/00025/22-23  IGST(NON ITC)@ 18% - 406800	MT	40.000	56,500.000	2,260,000.00	06-08-2022	
							BASIC IGST(NON ITC) Gross	16,215,500.00 2,918,790.00 19,134,290.00	

**Rupees One Crore Ninety One Lac Thirty Four Thousand Two Hundred Ninety Only**

**General Terms & Conditions :**

- Material will be received subject to verification of quality and quantity at our site. All rejection/defective /inferior quality items will be reduced from the bill.
- Only items and quantities mentioned. On the purchase order will be accepted at site. The same will be in complete sets.
- Bills to be submitted strictly within 7 days after material delivered at site along with GRN.
- Strictly adhere to delivery schedule mentioned on purchase order.
- Please Mention PO No., GRN No. and Project name on delivery challan/bills strictly.
- Delivery at site is accepted between 9:00 A.M. to 5:00 P.M. on all working days.
- Please send test certificate attached to the challan. (if applicable)
- In the event of seller, failing to deliver as and when specified, purchase reserves the right to cancel the order or any part thereof.
- Vendor is requested to sign and return a copy of this acceptance thereof.
- Only Tax Invoices are acceptable.

**Terms & Conditions :**

1. Payment: 100% Advance
2. Delivery: Immediately after Advance
3. Strictly adhere To Supply the Quantities as mentioned on P.O. No Extra Material will be Accepted at Site.

Created By: kunal.singh

For, ATS REALWORTH PRIVATE LIMITED

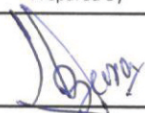


Prepared & Review by

Authorised Signatory

Received & Accepted by supplier

Date :

Page 2 of 3

PURCHASE ORDER					
PO No. :	PO/33/CIPL/AUG/2022/HR-78	Date:	09.08.2022		
Buyer Name:	Conscient Infrastructure Pvt Ltd	Vendor Name:	M/s SBF ISPAT PRIVATE LIMITED		
Address:	Habitat Residence, Sector 78, Village Faridpur	Address:	PLOT NUMBER F-109-127& G-143-151		
	Faridabad, Haryana, 121101		GENERAL ZONE INDUSTRIAL AREA KAROLI, KHUSHKHERA		
	Haryana - 121101		DISTT. ALWAR, RAJASTHAN-301707		
GST No. :	06AAACB0280G1Z7	GST No.:	08AAOCS6177P1Z9		
Contact Person :	Nikhil	Contact Person:	Mr Vineet		
Contact No.:	8448785496	Contact No.:	9999623022		
Delivery Address:	Conscient Infrastructure Pvt Ltd Project-Habitat -Residence, Sector 78, Village Faridpur Faridabad				
Quotation No.:	Date:	With reference to your quotation and subsequent discussion over email, we are pleased to place an Purchase Order for supply of TMT Steel FE-550 as per the terms and conditions mentioned below .			
Mail	08.08.2022				
Sr. No.	Description of Item	Uom	Qty	Basic Rate	Amount
1	TMT STEEL DIA 8 MM, Fe-550	MT	37	58500.00	2164500.00
2	TMT STEEL DIA 10 MM, Fe-550	MT	37	57500.00	2127500.00
3	TMT STEEL DIA 12 MM, Fe-550	MT	22	55500.00	1221000.00
4	TMT STEEL DIA 16 MM, Fe-550	MT	31	56500.00	1751500.00
5	TMT STEEL DIA 20 MM, Fe-550	MT	2	56500.00	113000.00
6	TMT STEEL DIA 25 MM, Fe-550	MT	1	56500.00	56500.00
<b>Sub Total Amount</b>					<b>7434000.00</b>
GST@18%					1338120.00
<b>Total Amount</b>					<b>8772120.00</b>
<b>Terms &amp; Conditions</b>					
<p>1. Taxes: The basic rate of purchase order exclusive of GST &amp; TCS 0.10 % extra on the above basic rates ,any other applicable taxes are inclusive.</p> <p>2. Freight: Inclusive till site.</p> <p>3. Delivery: As per shedule given by site team.</p> <p>4. Payment: 50% Advance , balance agaisnt 30days PDC cheque.</p> <p>5. Weight Tolerance: +/- 5kgs Per MT acceptable only.</p> <p>6. All above rates are inclusive of all taxes, transportation &amp; loading. unloading in Aar Cee Contracts Pvt Ltd scope.</p> <p>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 site. We will further test the steel through a registered laboratory and if it fails then you will have to take all material back. .</p>					
Prepared By		Checked By		Approved By	
					

# EMAAR INDIA

## PURCHASE ORDER

To

PO No.: 620181  
Date: 04-Jul-22  
Ref No. Quote dated 01 July ,2022

### Kind Attention

**Sub** Supply of "SBF Rapid" Make TMT reinforcement bars at Digi Homes Sector-62 Gurgaon.

We are pleased to place with you the purchase order for the supply of TMT steel as per following details:

S. No.	Item Description/ specifications	Unit	Qty	Rate	Unloading	Amount
1	Fe500 Grade Chemically and Physically tested TMT steel bars of following sizes, of length 12 meters. +/-300mm					
	08 mm dia Fe500	MT	5	60500.00	EMAAR/EMA AR contractor scope	302500
	10 mm dia Fe500	MT	3	59500.00		178500
	12 mm dia Fe500	MT	4	58500.00		234000
	16 mm Dia Fe500	MT	3	58500.00		176500
	20 mm Dia Fe500	MT	4	58500.00		234000
	25 mm Dia Fe500	MT	2	58500.00		117000
	32 mm Dia Fe500	MT	3	60500.00		181500
	<b>Total</b>		<b>24</b>			
	CGST+SGST @ 9%+9%=18%	18%				256,140
	<b>Total</b>		<b>24</b>			<b>1,679,140</b>

(Rs. Sixteen Lakh Seventy Nine Thousand One Hundred & Forty Only including GST)

TDS will be deducted as per applicable law

### Terms & Conditions:

**Delivery** : F.O.R. our site at "DIGI HOMES" Sector 62, Gurgaon.

**Delivery Period** : Steel to be delivered as per schedule provided by the Project Incharge. Copy of the same schedule to be forwarded to us.

**Cartage transit insurance, loading** : To supplier account.

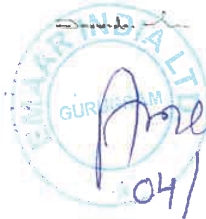
**Unloading** : To be unloaded by EMAAR /EMAAR contractor.

**Payment terms** : Within 30 days of delivery of material at site on pro-rata basis.

**Acceptance**: Every trailer load of reinforcement steel reaches at site shall go through testing process and shall be accepted only after material is approved by test lab. Charges for the same accepted shall be borne by EMAAR/EMAAR contractor & Charges for rejected Material shall be borne by vendor.

### Notes:

- Weight difference maximum upto +/- 5 KGS pmt shall be acceptable.
- In case the material does not confirms to relevant specifications IS 1786-1985, the whole lot will be replaced by you free of cost.
- Please coordinate with Mr.Shah Maqbool Alam/Narendra Patwal-9958997186/98731-34200 for material delivery at site.
- Please mark your correspondence to: Emaar Business Park, Sikanderpur Crossing, M.G.Road, Sector 28, Gurgaon. Phone: 0124-4421155; Fax: 0124-4793799.
- The above mentioned material is for our Own use and **NOT FOR RESALE**
- Billing Address** : Emaar India Ltd.  
Sector 28, Emaar Business Park Sikanderpur Gurgaon Haryana -122002  
GST no -06AABCE4308B1ZC.

  
Anehta  
04/07/22

EMAAR INDIA LIMITED

(Formerly Emaar MGF Land Limited)

EMAAR BUSINESS PARK, MG ROAD, SIKANDERPUR, SECTOR 28, GURUGRAM - 122002, HARYANA.

TEL.: +91 124 442 1155 | FAX: +91 124 479 3401

REGISTERED OFFICE: 306-308, SQUARE ONE, C-2, DISTRICT CENTRE, SAKET, NEW DELHI - 110 017. TEL.: +91 11 4152 1155

CIN: U45201DL2005PLC133161 | EMAIL: ENQUIRIES@EMAAR-INDIA.COM | WWW.EMAAR-INDIA.COM



# M/s MURARI LAL SINGHAL



**Govt. Contractor & Engineers "AA" Class PWD, Rajasthan**

Ref. No. P.O NO.22-23/MLS-DLP/11

Date..... 29.08.2022

## Purchase Order

To,

Sub:- TMT Supply At Govt. Medical College Dholpur-328001 Raj.  
Dear Sir,  
With Reference to your discussion we are pleased to confirm our order with undertaking.

Sr. NO.	TMT Size	Quantity in MT	Rate	Net Amount
1	Rapid TMT 8 MM	5	58,700.00	2,93,500.00
2	Rapid TMT 10 MM	10	57,700.00	5,77,000.00
3	Rapid TMT 12 MM	3	56,700.00	1,70,100.00
4	Rapid TMT 16 MM	7	56,700.00	3,96,900.00
5	Rapid TMT 20 MM	7	56,700.00	3,96,900.00
6	Rapid TMT 25 MM	8	56,700.00	4,53,600.00
Total Net Price				22,88,000.00
CGST				9% 2,05,920.00
SGST				9% 2,05,920.00
Total Price				26,99,840.00
Amount (in words)				Twenty Six Lakhs Ninety Nine Thousand Eight Hundred Forty only

**DELIVERY AT SITE** **GOVT. MEDICAL COLLEGE DHOLPUR-328001**

Terms & Conditions	Contact Personal
1 Rate is Vailed for Same days	Mr. Manish Kumar Singhal
2 Freight Extra	9511530094
3 The Rate are include GST.	
4 Interest Will be Charge After 30 Days @18% Annual	
5 Credit Period is vailed for 30 Days (After delivery)	
6 Unloading on site party	

<b>Billing Address</b>	M/s Murari Lal Singhal contractor, Santar Road Imli Wali Gali Dholpur -328001 Rajasthan Mob.9929962890	
	<b>GST No</b>	<b>PAN NO.</b>
	08AAMFM5354R1ZE	AAMFM5354R

Your's Faithfully  
FOR **Murari Lal Singhal Contractor**

*(Signature)*  
**Partner**

Residence : Santar Road, Imli Wali Gali, Dholpur 328001. off : Chitrakoot, Vaishali Nagar, Jaipur  
All Subjects to Dholpur Jurisdiction

**MRG INFRABUILD LLP****PURCHASE ORDER**

PAN NO: ABQFM9266M

GSTIN NO: 06ABQFM9266M1ZB

Purchase Order No: POR0001/00009/22-23

Order Date: 23/08/2022

**Vendor Details:****Billing Address:**Unit No. 131, 1st Floor, Tower A, Vatika Tower,  
Golf Course Road, Sec-54, Gurugram**Delivery Address/Project Site :**

TTHE MERIDIAN SEC-89 PATUDI ROAD GURGAON

Delivery date:07-09-2022 Cont' Per SAMARJEET-8505943177

Sl.No.	HSN	Description	Unit	Quantity	Rate	Discount	GST	Amount
1	7214	TMT Steel 12mm CHEMICAL & PHYSICAL PASS	M/T	40.000	55,800.000	0.00	CGST @ 9.00% - 200880.000 SGST @ 9.00% - 200880.000	2232000.000
2	72142090	TMT Steel 16mm CHEMICAL & PHYSICAL PASS	M/T	25.000	55,800.000	0.00	CGST @ 9.00% - 125550.000 SGST @ 9.00% - 125550.000	1395000.000
3	72142090	TMT Steel 20mm	M/T	14.000	55,800.000	0.00	CGST @ 9.00% - 70308.000, SGST @ 9.00% - 70308.000	781200.000

BASIC 4,408,200.00

CGST 396,738.00

SGST 396,738.00

**Total Order Value: 5,201,676.00****Amount in words:** Rupees Fifty Two Lakhs One Thousand Six Hundred Seventy Six Only**ADVANCE AMOUNT 0.000****Terms & Conditions :**

Completion Schedule:-The entire works shall be completed As per Site Scheduled time from the date of this Order. Please treat this work order as a notice to start the work immediately.

Taxes:-The rates quoted by your company are inclusive of all type of Taxes and duties like Excise duty, custom duty, royalty, Toll Tax, Octroi and all other Taxes except GST extra as per Actual as applicable for the entire scope. Income Tax Deductions as per the Rules of the Government of India shall be made from your bills.

Escalation:-This is an Escalation Free Order. The rates quoted by your company shall be final and binding till the completion of the entire Order.

Invoice should have all break-up of taxes, Bill simply stating "Inclusive of all taxes" is not acceptable. Invoice should have our reference of Purchase Order.

For, MRG INFRABUILD LLP

Authorised Signatory

THIS PURCHASE ORDER IS SUBJECT TO JURISDICTION ONLY.

Page 1 of 4

**HOMEKRAFT INFRA PRIVATE LIMITED**

711/92,  
DEEPALI NEHRU PLACE,  
NEW DELHI

**PURCHASE ORDER**

<b>Supplier Name &amp; Address:</b> <b>SBF ISPAT PRIVATE LIMITED</b>  G 143/151, Plot No. F- 109/117, General Zone Industrial Area, Karoli Bhiwadi, <b>GST LOCATION - RAJASTHAN</b> <b>GSTIN- 08AAOCS6177P1Z9</b>  CUSTOMERCARE@SBFRAPID.COM  AAECH1147A	Order No. : NTPOIND/00168/22-23	<b>Billing Add/ Delivery Add/ Project Site:</b>  NOBILITY Plot No. 1/GH-4, Sector-4,Sector-4, Noida, Greater Noida West <b>GSTIN- 09AAECH1147A1Z3</b>  Contact Person-Mr. Avdesh / Gopal Contact No- 9999536533 / 9540928112
	Order Date : 07-Jul-2022	
	Quotation No. : COMP/STEEL/JUL-56/21-22 Quotation Date : 06-Jul-2022	
	Kind Attention : Vineet Gupta Tele- : 9314034520	

Dear Sir Please supply the following Materials/items in accordance with your Quotation and subject to following terms and condition

#	ITEM CODE	HSN NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	Delivery Due Date	
1	-0056	72142090	STEEL TMT 12 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00017/22-23  IGST(NON ITC)@ 18% - 336204	MT	33.000	56,600.000	1,867,800.00	31-07-2022	
2	-0058	72142090	STEEL TMT 20 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00017/22-23  IGST(NON ITC)@ 18% - 40752	MT	4.000	56,600.000	226,400.00	31-07-2022	
3	-0057	72142090	STEEL TMT 16 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00066/22-23  IGST(NON ITC)@ 18% - 122256	MT	12.000	56,600.000	679,200.00	31-07-2022	
							BASIC	2,773,400.00	
							IGST(NON ITC)	499,212.00	
							Gross	3,272,612.00	

**Rupees Thirty Two Lac Seventy Two Thousand Six Hundred Twelve Only**

**General Terms & Conditions :**

- Material will be received subject to verification of quality and quantity at our site. All rejection/defective /inferior quality items will be reduced from the

Created By: kunal.singh

For, HOMEKRAFT INFRA PRIVATE LIMITED

Prepared & Review by

Authorised Signatory

Received & Accepted by supplier

Date :

**HOMEKRAFT INFRA PRIVATE LIMITED**

711/92,  
DEEPALI NEHRU PLACE,  
NEW DELHI

**PURCHASE ORDER**

<b>Supplier Name &amp; Address:</b> <b>SBF ISPAT PRIVATE LIMITED</b>  G 143/151, Plot No. F- 109/117, General Zone Industrial Area, Karoli Bhiwadi, GST LOCATION- RAJASTHAN <b>GSTIN- 08AAOCS6177P1Z9</b>  CUSTOMERCARE@SBFRAPID.COM  AAECH1147A	Order No. : NTPOIND/00168/22-23	<b>Billing Add/ Delivery Add/ Project Site:</b>  NOBILITY Plot No. 1/GH-4, Sector-4,Sector-4, Noida,Greater Noida West <b>GSTIN- 09AAECH1147A1Z3</b>
	Order Date : 07-Jul-2022	
	Quotation No. : COMP/STEEL/JUL-56/21-22	Contact Person-Mr. Avdesh / Gopal Contact No- 9999536533 / 9540928112
	Quotation Date : 06-Jul-2022	
Kind Attention : Vineet Gupta		
Tele- : 9314034520		

Dear Sir Please supply the following Materials/items in accordance with your Quotation and subject to following terms and condition

#	ITEM CODE	HSN NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	Delivery Due Date	
1	-0056	72142090	STEEL TMT 12 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00017/22-23  IGST(NON ITC)@ 18% -336204	MT	33.000	56,600.000	1,867,800.00	31-07-2022	
2	-0058	72142090	STEEL TMT 20 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00017/22-23  IGST(NON ITC)@ 18% -40752	MT	4.000	56,600.000	226,400.00	31-07-2022	
3	-0057	72142090	STEEL TMT 16 MM FE 500  Make: Rapid Thermex, FE-550, Physically & Chemically Tested.  NTATO/00066/22-23  IGST(NON ITC)@ 18% -122256	MT	12.000	56,600.000	679,200.00	31-07-2022	
							BASIC IGST(NON ITC) Gross	2,773,400.00 499,212.00 3,272,612.00	

**Rupees Thirty Two Lac Seventy Two Thousand Six Hundred Twelve Only**

**General Terms & Conditions :**

- Material will be received subject to verification of quality and quantity at our site All rejection/defective /inferior quality items will be reduced from the

Created By: kunal.singh

For, HOMEKRAFT INFRA PRIVATE LIMITED

Prepared & Review by

Authorised Signatory

Received & Accepted by supplier

Date :



**Purchase Order**  
**Keystone Developers Pvt.Ltd.**

C-56/9 Sector-62 Noida (UP)  
GSTIN/UIN: 09AACCK1431C1Z3  
State Name : Uttar Pradesh, Code : 09  
TIN No.

P.O. No. : 1423RKT2022-23070617  
P.O. Dt. : 7-Jun-22

Dear Sir,

With reference to the discussions held with you, we are pleased to place our order to you, for the following material, for our site at -

S. No.	Description	HSN SAC	Department	Per Pack Qty.	Unit	No. of Qty.	Total Qty.	MRP	Disc. (%)	Rate	Amount
1	TMT 10 MM GRADE FE 550 D	72142090	Manufact		Kg		10,000.000	59.30	✓	59.30	5,93,000.00
2	TMT 12 MM GRADE FE 550 D	72142090	Manufact		Kg		15,000.000	58.30	✓	58.30	8,74,500.00

.....contd

3	TMT 8 MM GRADE FE 650 D	7214	Steel	Kg	3,000,000	60.30	60.30	1,80,900.00
	<b>Sub Total</b>							16,48,400.00
<b>Total Amount</b>								16,48,400.00

**TERMS & CONDITIONS :**

1. Billing & Delivery Address : Key Stone Developer Pvt. Ltd.
2. Plot No 3, Sector 142, Noida
3. Our GSTIN No. 09AACCK1431C1Z3
4. GST Shall Be Paid Extra @18%
5. Contact Person : Mr. Ajay Mishra Mobile No. 8588904711
6. Delivery Immediate
7. Payment : 30 Days PDC.
8. In Case of Any Delay in Supply of Material Beyond the Agreed Period A Penalty of 1% Per Week Will Be Levied on the Value of This Order.
9. In Case of Non Supply of Material in Time the Company May Purchase the Material From Other Sources and the Difference in Price If Any Will Be Debited to Your Account.
10. In case the Input Tax Credit of GST is denied or demand is recovered from the Company on account of any non compliance by the supplier including non-payment of GST charged and recovered, the supplier shall indemnify the Company in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non compliance.
11. The items supplied must be of agreed brand only.
12. The Material Rejected by Us Will Be Lifted by You Immediately Or Maximum with In One Week, Failing Which We Shall Not Be Responsible for Return of Material.
13. The Material Sent by You Will Be Weighted on the Weighbridge Installed by at Our Site Or Any Other Weighbridge Near to Our Site and the Weight of the Same Shall Be Final. However the Weight Variation Will Be Allowed Upto 50Kg for Truck Load and 100Kg for Trolly.
14. The material should be securely packed to avoid breakage and pilferage during transit. Seller shall take all necessary precautions and preventive measures for any damage /loss and shall assume full responsibility for the same.
15. The Material Should Confirm to Prescribed IS Standards and Technical Specifications Given by You Failing Which the Material Will Be Rejected.
16. The Material Test Certificate Will Be Submitted by You Along with Material Failing Which the Material Will Not Be Accepted
17. You Will Provide All the Necessary Technical Assistance / After Sale Service As Required by Us From Time to Time in Connection with the Use of Material Supplied by You.
18. E-Way Bill Will Be Generated by You and Attached with the Bill If the Value of Goods Is Rs 50,000 Or Above
19. Jurisdiction :- Any Legal Dispute Arising in Connection with This Purchase Order Or the Subject Matter Thereof, Will Be to the Jurisdiction of the Court of Law of Gautam Budh Nagar, In Case the Same Is Not Settled Mutually.
20. Purchase Order Copy Shall Be Attached with the Bill.
21. The Prices Given In This Order Are Firm and There Shall Be No Price Escalation.
22. Material will be not unloaded after 6 PM & before 9 AM.
23. Freight Is Inclusive in the Rates

28/10/20

THANKING YOU  
YOURS FAITHFULLY  
Keystone Developers Pvt.Ltd.

(STELLAR IT)

  
(Deepak Singhal)  
AUTHORISED SIGNATORY

## Salshi Communications Private Limited

### PURCHASE ORDER.

<b>Vendor Details</b>	Order No :: POSCPL/006/21-22 Order Date :: 10-05-2022 Delivery Address/Project Address :: A 91, Sector 136, Noida, Gautam Buddha Nagar- 201301 Uttar Pradesh Contact Person at site - Mr. Rajiv/Nittin Contact No - +91 +91-	<b>Billing Name &amp; Address ::</b> Salshi Communications Private Limited A 91, Sector 136, Noida, Gautam Buddha Nagar- 201301 Uttar Pradesh Contact No. GST LOCATION - UP GSTIN - 09AALCS4337E127
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Please supply the materials given below referring Quality, Quantity, Delivery schedule and other terms and conditions as agreed.

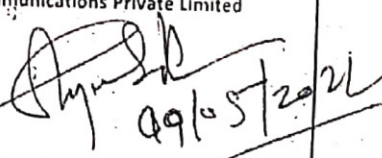
S.No	HSN	Description	Unit	Quantity	Rate	Amount	Indent No. & Date
1		TMT BAR 08 MM FE-500 Chemical Tested	MT	6	64800	388800.00	
4		TMT BAR 16 MM FE-500 Chemical Tested	MT	3	62800	188400.00	
6		TMT BAR 25 MM FE-500 Chemical Tested	MT	6	62800	376800.00	
7		TMT BAR 32 MM FE-500 Chemical Tested	MT	20	64800	1296000.00	
						BASIC	2250000.00
						IGST 9%	202500.00
						SGST 9%	202500.00
<b>Total Order Value</b>							<b>2655000.00</b>

Amount in words :: Twenty Six Lacs Fifty Five Thousand Only.

**Terms & Conditions ::**

- 1 GST: As above.
- 2 Freight: FOR ON SITE.
- 3 Payment: 1 Days after delivery of Material.
- 4 Delivery Schedule: As per schedule time shared by you Maximum Time 10-15 Days.
- 5 Material Specification: Mentioned Above.
- 6 Make: RAPID
- 7 The Purchase Order should be accepted by the vendor acknowledging all terms and conditions regarding price, quality, quantity and delivery schedule etc.
- 8 Our order is subject to ammendment and cancellation.
- 9 Penalty: If any delay in delivery of Material we will be charge @5% of total Invoice Value.
- 10 Transit Insurance: Will be borne by Supplier/Seller/Vendor.
- 11 Unloading at Site: We will be borne by us.
- 12 The vehicle carrying materials must have current pollution control certificate and should be covered with tarpal otherwise gate entry may be prohibited.
- 13 Bill with material must be there at the time of delivery otherwise that will not be accepted at site.
- 14 E-Way Bill to be provided by the vendor if supply value exceeds fifty thousand.
- 15 No escalation will be entertained for whatsoever reason till completion of the order taken
- 16 This purchase order is issued to procure the materials for self use and not for sale.
- 17 If material will be failed at laboratory, it will be returned as soon as possible.

Salshi Communications Private Limited

  
 09/05/2022  
 Authorised Signatory

PURCHASE-ORDER

Project: Express Astra  
 Delivery Address: Plot GH-6 A, Sector 1 Greater Noida West, (U.P)  
 State: Uttar Pradesh  
 State Code: 09  
 Indent Code: EA/INN/220623/1  
 PO Code: EA/PO/220623/1  
 QFA Code: EA/Q/220623/1  
 PO Date: :  
 Req. Indent Code : EA/IN/220623/1  
 GSTIN: 09AAACE8183F1ZI  
 PAN: AAACE8183F

Purchase Order for Steel Grade Fe 500, Make "SBF RAPID THERMAX" TMT for our Express Astra Project at Greater Noida

S.No.	Material	Specification	HSN Code	UOM	Qty.	Rate	Amount	Final Rate	Final Amount
1	TMT	16 MM	-	MT	5.00	65608.000	328040	65608	328040.00
2	TMT	25 MM	-	MT	15.00	65608.000	984120	65608	984120.00
3	TMT	8 MM	-	MT	10.00	67968.000	679680	67968	679680.00
Total(Rs.):							19,91,840		19,91,840

Charge	Type	Amount	CGST		SGST		Final Amount
			Rate(%)	Amount	Rate(%)	Amount	
Insurance	Inclusive						
Karta	Inclusive						
Loading	Inclusive						
Packaging & Forwarding	Inclusive						
TCS	Exclusive	1991.84	9.00	179.266	9.00	179.266	2350.37
Transportation	Inclusive						
Unloading	Inclusive						
Installation	Inclusive						
Installation(Per)	Inclusive						
Packaging & Forwarding(Amt)	Inclusive						
		Total(Rs.):		179.27		179.27	2,350.37

Net Payable Amount(Rs.) 19,94,190/- (Nineteen Lakh Ninety Four Thousand One Hundred Ninety Only.)

Terms & Condition:

- \* Billing Address : Express Projects Pvt Ltd, Express Astra Plot GH-06 A Sector 1 Greater Noida (U.P)
- \* Contact Person : 1. Umesh Mishra
- \* Delivery Schedule : Immediate
- \* Delivery Address : Plot GH-6 A, Sector 1 Greater Noida West, (U.P)
- \* Payment Schedule : On delivery
- \* Jurisdiction : Ghaziabad
- \* Taxes & Duties : Inclusive
- \* Advances : 0.00%(Rs. 0.00)
- \* Remark :

For Express Projects Pvt Ltd

  
 Authorized Signatory

NOTE:

1. Please mention Indent Code and PO Code on your bill.
2. Kindly attached the copy of our purchase order along with bill.
3. Material will be received at site on working days between 10:00 AM to 6:00 PM only.

**PURVANCHAL PROJECTS PVT. LTD**

Purvanchal house N-4, Sector - 18, Noida - 201301, U.P. (India)  
Corporate Office:- Purvanchal Business World, A- 103, Sector - 136, Noida  
0120-4637712, accounts@purvanchalprojects.com



Date:-

**Purchase Order Part -2**

Purchase Order For Supplying of Goods Without any Advanced Payment Of Intergated Tax (IGST).

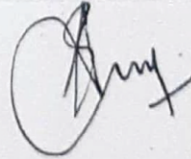
Purchase Order No:2582	Transport Mode: By Truck
GST No: 09AAFQP4046B1Z0	Place of Supply: Purvanchal Projects Pvt Ltd
Reverse Charge (Y/N):	Purvanchal Royal City, Plot no. GH-05, Sector- Chi-5, Greater Noida, UP
State: Uttar Pradesh	Code 09
	Time of Supply: 7 days from the date of Purchase Order.

S. No.	Product Description	HSN Code	UOM	Qty	Rate	Less Discount	Net Rate	Taxable Amount	CGST		SGST		Total
									Rate	Amount	Rate	Amount	
	SUPPLY OF TMT STEEL AS PER GIVEN DIA												
	SBF RAPID THERMAX TMT FE 500 PHYSICAL & CHEMICAL TESTED												
1	8 MM		MT	50.00	57,800.00	0%	57800.00	2890000.00	9%	260100.00	9%	260100.00	3410200.00
2	10 MM		MT	10.00	56,800.00	0%	56800.00	568000.00	9%	51120.00	9%	51120.00	670240.00
3	12 MM		MT	15.00	55,800.00	0%	55800.00	837000.00	9%	75330.00	9%	75330.00	987660.00
4	16 MM		MT	0.00	55,800.00	0%	55800.00	0.00	9%	0.00	9%	0.00	0.00
5	20 MM		MT	0.00	55,800.00	0%	55800.00	0.00	9%	0.00	9%	0.00	0.00
6	25 MM		MT	0.00	55,800.00	0%	55800.00	0.00	9%	0.00	9%	0.00	0.00
	<b>Note :-</b>												
	1- Please send GR and Test Certificate with each truck												
	2- 5 Kg per ton variation is permissible												
	3- Weight will be as per our internal weigh bridge												
	4- Unloading is in the scope of vender												
	5- If material fails in testing Rs1000/MT will be dabled												
	<b>Total :</b>			75.0		0.0		4,295,000		386,550.0		386,550.0	5,068,100.0

**Total Purchase Order amount in words :- Fifty Lac Sixty Eight Thousand One Hundred only**

<b>Term &amp; Conditions :</b>	<b>Total Amount Before Tax:</b>	<b>4,295,000</b>
1 Insurance :- Not applicable	Add: CGST 9%	386,550.00
2 Warranty :- 1 year from Date of Material receipt	Add: SGST 9%	386,550.00
3 Payment Terms :- <b>20 DAYS</b>	Add: IGST	
4 Transport :- BY YOU ON YOUR ACCOUNT	<b>Total Tax Amount : GST</b>	<b>773,100.00</b>
5 Destination :- above mention Site address	<b>Total Amount After Tax:</b>	<b>5,068,100</b>
6 Inspection :- At our works by our Personnel	Add: Freight Charges	0
7 Damage & Expired Good Will Return and Debit Note Will issue the same	Add: Other Charges	0
8 Please mention our P.O. No on your Tax Invoice.	<b>Total Invoice Amount:</b>	<b>5,068,100</b>
	<b>GST on Reverse Charge</b>	0

Certified that the particulars given above are true and correct

4. Rejections: If material received is found faulty or not matching with required specifications, we will intimate you within 1 weeks from receiving the material. Such material will be rejected and will be sent back at the cost and risk of supplier. Corresponding deductions will apply to suppliers	<p><b>For Purvanchal Projects Pvt Ltd</b></p>  <p><b>Authorised Signatory / Company Seal</b></p>
5. L.D. Term:- (if applicable) Delivery is essence of this contract. If the above material is not despatched to us as per above schedule, we shall levy delayed delivery charges at the rate of 0.5% per day thereof, for the delayed item(s), subject to a maximum of 5% of delayed portion.	



YHRC/QA/PO/2022-23

Purchase Order

PO Date 14-Jul-22

PO. No. 488

Delivery via:-

To

[Blank box for recipient name]

Bill To

Yashoda Foundations

H-1, Kaushambi, Ghaziabad

Request By:-

For Indrapuram Site

Ship To

Plot No-16, Shakti Khand-2

Indrapuram, Ghaziabad

Please ship the following item as specified

Sr. No.	Description	Quantity	pack	Unit price	Value	GST(%)	GST Value	Total Amount
1	SBF RAPID THERMEX TMT FE500 - 32mm	20	MT	62300	1246000	18	224280	1470280
2	SBF RAPID THERMEX TMT FE500 - 25mm	20	MT	60300	1206000	18	217080	1423080
3	SBF RAPID THERMEX TMT FE500 - 20mm	15	MT	60300	904500	18	162810	1067310
4	SBF RAPID THERMEX TMT FE500 - 16mm	5	MT	60300	301500	18	54270	355770
5	SBF RAPID THERMEX TMT FE500 - 12mm	5	MT	60300	301500	18	54270	355770
Total Amount Payable								4672210

65

OK

Abhishek

Prepared By:- Abhishek Sharma

**Terms & Conditions:**

- Purchase Order valid for **20** days.
- Supplier shall not advertise a Purchase Order or any part of it without Buyer's Approval.
- Supplier shall furnish the goods and services at the prices stated in the Purchase Order.
- Supplier shall procure all facilities necessary for the timely performance of a Purchase Order.
- All material and all special tools and equipment furnished by Buyer to Supplier shall remain Buyer's property.
- Individual invoices referencing Buyer's order number, Buyer's part number, and full product description of each item.
- Quantity can be changed without prior information.
- TCS Extra as per applicable.

Approval signature

[Handwritten signature]

**KLT CONSTRUCTIONS PRIVATE LIMITED**  
 Flat No. Y-1/1302, Ganga Yamuna Hindon, Apartment,  
 Siddarth Vihar, Ghaziabad,  
 Ghaziabad, Uttar Pradesh  
**PURCHASE ORDER**



**Business Unit** : HINDON GREEN VALLEY ( AEGIS ) :CLOUD 9 INDIRAPURAM, AHINSA KHAND -2, INDIRAPURAM, ,GHAZIABAD, UTTAR PRADESH GST  
 LOCATION- UTTAR PRADESH GSTIN- 09AAICK3130A1Z1

PAN:- AAJCS1126K	Order No. : AEGIS/00269/21-22	<b>Mode of Transport :</b>  <b>Delivery Address :</b> AEGIS Cloud9 Tower Mail Road Ahinsa Khand II near Jain mandir , Indirapuram, Ghaziabad,GHAZIABAD,UTTAR PRADESH,INDIA 0 GST LOCATION- UTTAR PRADESH GSTIN- 09AAICK3130A1Z1  Contact Person- Jaish Raj Yadav Contact No-
	Order Date : 04-01-2022	
	Quotation No. :	
	Quotation Date :	
	Kind Attention : Mr. Aatul Muunjai	
	Tele- : 9999550356	

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
1	06010003	72142000	STEEL TMT 08 MM Steel required for Meadows 2 15th floor column&slab Fe 500D; physically & chemically tested TMT; 12 meter straight CGST@ 9% - 49140, SGST@ 9% - 49140	MT	10.000	54,600.000	546,000.00	AEGIS/00245/21-22	06-01-2022
2	06010006	72142000	STEEL TMT 16 MM Column&slab Steel required for Meadows2&3 14th&15th floor lvl Fe 500D; physically & chemically tested TMT; 12 meter straight CGST@ 9% - 108882, SGST@ 9% - 108882	MT	23.000	52,600.000	1,209,800.00	AEGIS/00245/21-22	06-01-2022
							BASIC	1,755,800.00	
							CGST	158,022.00	
							SGST	158,022.00	
							Gross	2,071,844.00	


**Rupees Twenty Lac Seventy One Thousand Eight Hundred Forty Four Only**

**Terms & Conditions:**

- Material will be received at site on working days between 10:00 AM to 6:00 PM only.
- Kindly attached the copy of our purchase order along with bill.
- Please mention Indent Code and PO Code on your bill
- Terms & Condition:
  - \*.This purchase Order is valid upto the date of delivery. No material will be accepted after date of delivery mentioned in the Purchase Order.
  - \*.TDS @ 0.1% be deducted against payment if purchases made exceeding Rs. 50 Lacs from 01-04-2021 to 31-03-2022.
  - \*.Delivery time in our stores at site is from 9 AM to 5 PM. No material will be received other time.
  - \*.No Bill will be considered for payment without the Purchase Order Number mentioned on it.
  - \*.If any discrepancy found in quality or quantity of the material will not be accepted and taken back by the supplier an its own cost
  - \*.The payment will be made only after the receipt of material & bill as par time schedule given by the company for the payment.
  - \* Delivery Address : Hindon Green Valley ( Aegis ) Cloud - 9 Indirapuram, Ahinsa Khand - 2 Ghaziabad Uttar Pradesh.
  - \* Contact Person : Jaish Raj Yadav
  - \* Delivery Schedule : IMMEDIATE
  - \* Payment Schedule : PDC 45 DAYS
  - \* Taxes & Duties : Inclusive
  - \* Other Terms 1 : UNLOADING IN OUR SCOPE
  - \* Other Terms 2 : 1. With +/- 0.5% Weight Tolerance. .
- Please make proper entry of material at Gate.

Created By: Int.purchase3

For, KLT CONSTRUCTIONS PRIVATE LIMITED  
 Authorised Signatory

<b>Poly Medicure Limited</b> Pector 59, HSIIDC Industrial Area Ballabgarh-121004, Faridabad, India Phone: 01293355070 Fax: 911292307007 CIN:L40300DL1995PLC066923 Email:plant@polymedicure.com Web: www.polymedicure.com State Code: 06 - Haryana GSTIN: 06AAACP3891P1ZV PAN: AAACP3891P			
<b>Vendor Details</b> <b>SBF Ispat Private Limited</b> - 104274 -143/151 Plot no F109,117, General G ea Karoli Bhiwadi, Alwar-301019, Alwar (Rajasthan), India Phone: 7014288818 Fax: GSTIN: 08AAOCS6177P1Z9, State Code: 08 - Rajasthan Email: customercare@sbfirapid.com		<b>Delivery Address</b> <b>Poly Medicure Limited</b> lot No.117, S Pector 59 HSIIDC Industrial Area, Ballabgarh -121004 Faridabad (Haryana), India Phone: 01293355070 Fax: GSTIN: 06AAACP3891P1ZV, State Code:06 -	
<b>Ref. No.:</b> ATTACHED		Payment <b>CHEQUE</b> Department: MAINT1001	

S No	Item Code	Item Description Schedule Date	Schedule Qty.	Tax Rate	Quantity	Unit	Rate (INR) Price Unit	Disc.	Amount (In INR)
1	1030004081 HSN 72142090	Tor Steel 8mm FE550 31.08.2022	7,000.000	IGST: 18%	7,000.000	KG	60.00 1		420,000.00
2	1030004075 HSN 72142090	Tor Steel 10mm FE550 31.08.2022	15,000.000	IGST: 18%	15,000.000	KG	59.00 1		885,000.00
3	1030004076 HSN 72142090	Tor Steel 12mm FE550 31.08.2022	7,000.000	IGST: 18%	7,000.000	KG	58.00 1		406,000.00
4	1030004077 HSN 72149990	Tor Steel 16mm FE550 31.08.2022	12,000.000	IGST: 18%	12,000.000	KG	58.00 1		696,000.00
5	1030004078 HSN 72142090	Tor Steel 20 Mm FE550 31.08.2022	5,000.000	IGST: 18%	5,000.000	KG	58.00 1		290,000.00
6	1030004079 HSN 72142090	Tor Steel 25Mm FE550 31.08.2022	10,000.000	IGST: 18%	10,000.000	KG	58.00 1		580,000.00
<b>Ship. Mode:</b> BY ROAD							Basic Value		3,277,000.00
<b>Transporter:</b> PAID							INPUT INTGRTE GST		589,860.00
<b>Del. Terms:</b> AS PER SCHEDULE									
Total Amount in Words (in INR) : THIRTY EIGHT LAKH SIXTY SIX THOUSAND EIGHT HUNDRED SIXTY Rupees Only							<b>Total Amount</b>		<b>3,866,860.00</b>

<b>Terms and Conditions</b> 1) Your acceptance of PO must be received within 5 days otherwise it will be treated as accepted. 2) Delivery must be made within given schedule date otherwise it may be returned. 3) All disputes are subject to Faridabad jurisdiction only. 4) GST charged by you must be deposited within due time otherwise any ITC loss / penalty will be debited to you. 5) Payment shall be processed after due Date upon compliance of all the terms of supply. 6) All materials is considered only after approval of Polymed's Quality Department. 7) If covered under MSME then pls submit MSME certificate, Any future claim will not be entertained, if certificate not submitted. 8) Job worker will be only responsible for any damage to the goods due to any reason lying with Job worker. Also provide the insurance copy from the job worker regarding insurance of our goods 9) Seller shall not be required to collect TCS in Terms of Section 206C(1H) of Income Tax Act 1961									
<b>Remarks:</b> PAYMMENT :- 100% ADVANCE WITH PO.									

For POLY MEDICURE LIMITED

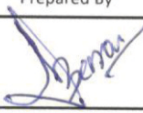
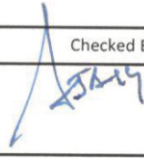

<b>Prepared By</b> 1002RAJESH	<b>Checked By</b>	<b>Authorized Signatory</b>
<b>REGD. OFFICE 232B, 3rd FLOOR, OKHLA INDUSTRIAL ESTATE PHASE - III, NEW DELHI - 20, INDIA</b>		

Reference Document No.: QP/PUR/01  
CONFIDENTIAL

PROPRIETARY INFORMATION OF POLY MEDICURE LIMITED



# PRIME INFRADEVELOPERS PVT. LTD.

PURCHASE ORDER					
PO No. :	PO/15/PIDPL/AUG/2022/99	Date:	09.08.2022		
Buyer Name:	PRIME INFRADEVELOPERS PVT LTD	Vendor Name:	M/s SBF ISPAT PRIVATE LIMITED		
Address:	Project - "Habitat-Prime" Sector-99-A Gurgaon, Faridabad, Haryana, 121101	Address:	PLOT NUMBER F-109-127& G-143-151		
			GENERAL ZONE INDUSTRIAL AREA KAROLI, KHUSHKHERA DISTT. ALWAR, RAJASTHAN-301707		
			Email-sbfrapid.dis@gmail.com		
GST No. :	06AAFCP2702C1Z1	GST No.:	08AAOC6177P1Z9		
Contact Person :	H .P Tiwari	Contact Person:	Mr Vineet		
Contact No.:	9873700996	Contact No.:	9999623022		
Delivery Address:	Prime InfraDevelopers Pvt. Ltd Project - "Habitat-Prime" Sector-99-A Gurgaon, Faridabad, Haryana, 121101				
Quotation No.:	Date:	With reference to your quotation and subsequent discussion over email, we are pleased to place an Purchase Order for supply of TMT Steel FE-500 as per the terms and conditions mentioned below .			
Mail	08.08.2022				
Sr. No.	Description of Item	Uom	Qty	Basic Rate	Amount
1	TMT STEEL DIA 8 MM, Fe-500	MT	72	58500.00	4212000.00
2	TMT STEEL DIA 10 MM, Fe-500	MT	15	57500.00	862500.00
3	TMT STEEL DIA 12 MM, Fe-500	MT	12	55500.00	666000.00
4	TMT STEEL DIA 16 MM, Fe-500	MT	18	56500.00	1017000.00
5	TMT STEEL DIA 20 MM, Fe-500	MT	5	56500.00	282500.00
<b>Sub Total Amount</b>					<b>7040000.00</b>
GST@18%					1267200.00
<b>Total Amount</b>					<b>8307200.00</b>
<b>Terms &amp; Conditions</b>					
<p>1. Taxes: The basic rate of purchase order exclusive of GST &amp; TCS 0.10 % extra on the above basic rates ,any other applicable taxes are inclusive.</p> <p>2. Freight: Inclusive till site.</p> <p>3. Delivery: As per shedule given by site team.</p> <p>4. Payment: 50% Advance , balance agaisnt 30days PDC cheque.</p> <p>5. Weight Tolerance: +/- 5kgs Per MT acceptable only.</p> <p>6. All above rates are inclusive of all taxes, transportation &amp; 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 site. We will further test the steel through a registered laboratory and if it fails then you will have to take all material back .</p>					
Prepared By		Checked By		Approved By	
					



## SPLENDOR LANDBASE LIMITED

" SPLENDOR FORUM " 501 - 511, Fifth Floor  
Plot No. 03, Jasola District Centre, New Delhi - 110 025.  
Tel : 91-11-4060 4400 / 4060 4499 Fax : 91-11-4060 4444

### PURCHASE ORDER

**VENDOR CODE :**  
**VENDOR NAME :** SBF ISPAT PVT. LTD  
**ADDRESS :** PLOT NO. G 143-151 & 109-117  
GENERAL ZONE INDUSTRIAL AREA, KAROLI,  
ALWAR, RAJASTHAN

**PUR. ORD. NO.** SPL/22-23/3279  
**PUR. ORD DT.** 24-Aug-22  
**PUR. ORD AMNDED I**  
**Project Code :** SPLENDOR GRANDE  
PANIPAT

**KIND ATTN:** MR. AATUL MUUNJAL  
MOBILE : 9999550356

**GSTIN NO.** 08AAOCS6177P1Z9  
**ESI CODE NO.**  
**EPF CODE NO.**

**NAME OF WORK :** SUPPLY OF TMT FE 500 (PHYSICALLY CHEMICALLY TESTED)

SR. NO.	HSN CODE /	DESCRIPTION	UNIT	QTY	Rate	GST		Amount (Rs.)
						GST%	AMOUNT	
		<b>Thermex TMT Steel Bars FE 500 - PHYSICAL &amp; CHEMICAL PASS MAKE : SBF RAPID</b>						
1		8mm	MT	20	57600	18%	207,360	1,359,360
2		10mm	MT	10	56600	18%	101,880	667,880
3		12mm	MT	0	55600	18%	0	0
4		16mm	MT	10	55600	18%	100,080	656,080
5		20mm	MT	0	55600	18%	0	0
6		25mm	MT	0	55600	18%	0	0
7		28mm	MT	0	56600	18%	0	0
8		32mm	MT	0	57600	18%	0	0
		(CONFORMING TO IS:1786/85)		40				
<b>Total Amount</b>								<b>2,683,320</b>

#### TERM & CONDITIONS :-

- Taxes :** TOTAL AMOUNT IS INCLUSIVE OF GST.
- Payments :** ALONGWITH THE ORDER
- INVOICE PROCESSING :** Will be processed at the Corporate Office in Delhi .
- GST No. of Splendor Landbase Limited :** Delhi - 07AAECA3986E3ZL ; Haryana : 06AAECA3986E1ZP ; PAN No : AAECA3986E ; CIN No. U45201DL2002PLC118130
- PRICE BASIS :** FOR site, including loading/unloading , Splendor Grande, Panipat
- Copy of the Purchase Order must be sent back duly signed as accepted. Discretion of cancellation of this purchase order in case of non delivery of goods within the delivery time is with Splendor Management. This decision is acceptable to both buyer and seller.
- Purchase Order No. must appear on all documents, invoices & all further correspondence
- Steel Weight :** Each consignment shall be weighed at the nearest Weigh Bridge (DharmKanta) in the presence of our representative. As per industry standards, (5 kgs plus or minus)  $\pm 5$  kgs per MT variance is considered. The payment would be deducted for any Short supply exceeding the variance  $\pm 5$  kgs per MT limits.
- REPLACEMENT :** Goods received in damaged / non compliance with the standard laid norms would be collected back by supplier immediately on information. Stocks not collected back would be lying at project site at suppliers risk without any risk from owner part
- Test Certificate / Warranty :** Manufactures Test Certificate for properties of each batch , to accompany the supply.
- REPLACEMENT :** Coods received in damaged/ non working condition will be replaced.
- JURISDICTION:** For all intents and purposes the contract under this order shall be deemed to have been concluded at Delhi and shall be subject to Delhi Jurisdiction.

For Splendor Landbase Limited



Manager - Purchase & Logistics



# Survi Projects Pvt. Ltd.

110, Harsha House,  
Karampura Commercial Complex  
Opp. Milan Cinema, New Delhi-110015  
Phones : 91-11-25920571, 25920572  
E-mail : survi.george@gmail.com  
Web : www.surviprojects.com

ISO 9001:2015 SPPL:SBF:AS:2022-23:686  
August 09, 2022

**M/s SBF Ispat Pvt Ltd**  
Plot No. G-143-151 & F-109-117  
General Zone Industrial Area  
Karoli, Bhiwadi, Alwar  
**Rajasthan**

Kind Attn: **Mr. Vineet / Mr. Praveen**

Sub: **Supply order of TMT Bar Fe-550 D for our Project Heritage International Middle & Senior School, Village Balola, Sec-59, Gurugram, Haryana**

Dear Sir,

We are pleased to place our order for TMT Bar Fe-550 D for our Project Heritage International Middle & senior School, Village Balola, Sec-59, Gurugram, Haryana as per details below :-

Sr. No	Description of Item			Unit Rate	UOM	Qty	Value
1	TMT 8 MM DIA - As Per IS: 1786:2008	FE-550D	Chemically/Physically Tested, Length 12 Mtr	59500	MT	40	2380000
2	TMT 10 MM DIA - As Per IS: 1786:2008	FE-550D	Chemically/Physically Tested, Length 12 Mtr	58500	MT	35	2047500
3	TMT 12 MM DIA - As Per IS: 1786:2008	FE-550D	Chemically/Physically Tested, Length 12 Mtr	56500	MT	25	1412500
4	TMT 16 MM DIA - As Per IS: 1786:2008	FE-550D	Chemically/Physically Tested, Length 12 Mtr	57500	MT	05	287500
5	TMT 20 MM DIA - As Per IS: 1786:2008	FE-550D	Chemically/Physically Tested, Length 12 Mtr	57500	MT	25	1437500
				<b>TOTAL</b>		<b>130</b>	<b>7565000</b>
				<b>GST @ 18%</b>			<b>1361700</b>
				<b>TOTAL AMOUNT</b>			<b>8926700</b>

**Note: Total amount Including GST, F.O.R. at Heritage Site**

## Terms & Conditions:

1. Taxes: The unit rate of purchase order exclusive of GST & any other applicable taxes are inclusive.

....2/..



:: 2 ::

2. Insurance: The Transit Insurance is in scope of supplier and charges are inclusive in total PO value.
3. Delivery: Immediate.
4. Payment: 100% Advance.
5. Price Escalation: Price escalation will not be acceptable till the complete delivery of material.
6. Loading & Unloading :- Loading inclusive and unloading in our scope.
7. TMT is required for our self consumption and not for re-sale.

**Our GST No: 06AABCS5368K1Z1**

**Billing Address: Survi Projects Pvt Ltd  
Village Bhangrola, Near Saraswati Public School  
IMT Manesar, Gurugram, Haryana – 122 505**

**Delivery Address: Survi Projects Pvt Ltd  
C/o Heritage International Middle & Senior School,  
Near Duke Horse Riding Club, Village Balola  
Sector - 59, Gurugram, Haryana**

**Contact Person : Mr. Naresh Kumar (9810042152) / Mr. Nitish (8851494317)**

Kindly dispatch the material at the earliest.

Thanking You,

Yours truly,  
For **SURVI PROJECTS PVT LTD.,**

**(AUTHORISED SIGNATORY)**

**Dee Kay Buildcon Pvt.Ltd.**(Engineers & Contractors)  
(ISO 9001:200, 14001:2004 & OHSAS)

Phone.No.0129-4064147

Purchase Order 19

Date 1-Sep-2022

**Purchase Order****Supplier's Name, Address**SBF SPAT PRIVATE LIMITED  
G-143-151, plot no. F109 117, general zone industrial area,  
karoli bhilwadi, Alwar  
GSTIN: 08AAOC56177P129  
Mob: .**Ship To**GEMCO TECHNOLOGIES PRIVATE LIMITED [DK]  
Address : 34/3 MATHURA ROAD ,FARIDABAD  
Mobile : 9654095696, 9873096996**InvoiceTo**DEE KAY BUILDCON PVT LTD  
Address : 347, 1st Floor, Om Shubham Tower, N. I. T,  
FARIDA BAD

GST : 06AACC06742K12J

S.N	Item Name	HSN	Remark	Qty	Unit	Rate	Gross Value	IGST		CGST		SGST		Total Value
								Per	Amount	Per	Amount	Per	Amount	
1	Tmt Steel Bar 8mm	72 14		5000.00	Kg	56.50	282500.00	18	50850.00	0.0	0.00	0.0	0.00	333350.00
2	Tmt Steel Bar 10mm	72 14		4000.00	Kg	55.50	222000.00	18	39900.00	0.0	0.00	0.0	0.00	261900.00
3	Tmt Steel Bar 20mm	72 14		10000.00	Kg	54.50	545000.00	18	98100.00	0.0	0.00	0.0	0.00	643100.00
4	Tmt Steel Bar 25mm	72 14		6000.00	Kg	54.50	327000.00	18	58800.00	0.0	0.00	0.0	0.00	385800.00

Gross Amount	1370500.00
Assessable Value	-
IGST	-
Bill Amount	-
Net Amount	-

Amounts in Words :Rupees Sixteen Lacs Twenty Four Thousand Two Hundred Seventy Only

**Terms & Conditions :-**

- 1 - Payment : Advance
- 2 - Transportation : FOR
- 3 - GST : 18% extra
- 4 - Delivery : today after PO date, if material would be a delay as the discussed action would be taken.
- 5 - Quality : The material should be of good quality and of proper size else would not be received at site.
- 6 - Make : sbfispac fs550 with tc
- 7 - Generals :
- 8 - Contact Us : If you have any query against purchase order, Please feel free to contact:mr. imran ji at 9654095696

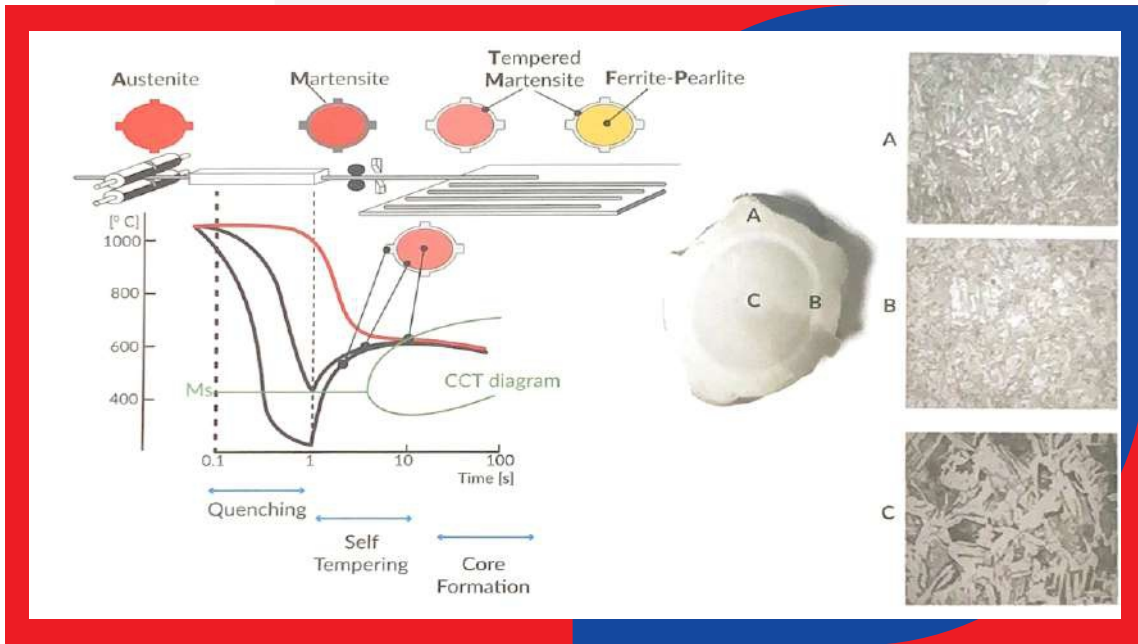
Note: As confirmation, please sign and send back a duplicate copy of purchase order to the organization

For: Dee Kay Buildcon Pvt Ltd  
Authorized Signatory:  
AnnexureAccepted By:  
FOR : OFFICE  
Authorized Signatory :

System generated Document. May not require Signature.

**Annexure..**  
**Microstructure Analysis**

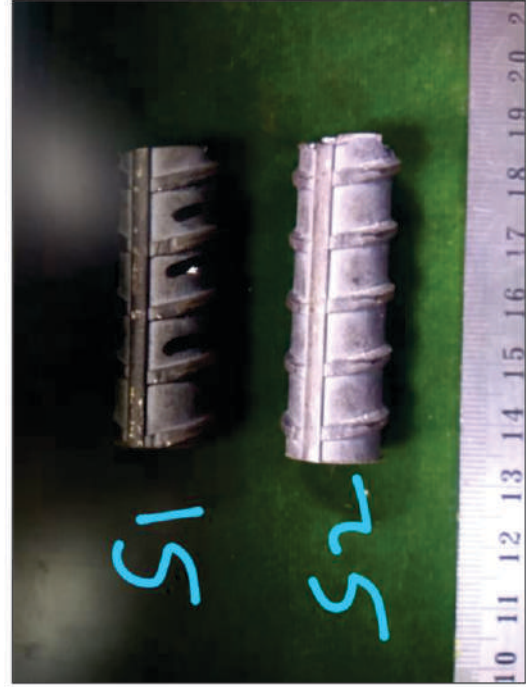
## The Unique Stages of QST/TMT BARs Micro Structure



- 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 Perlite

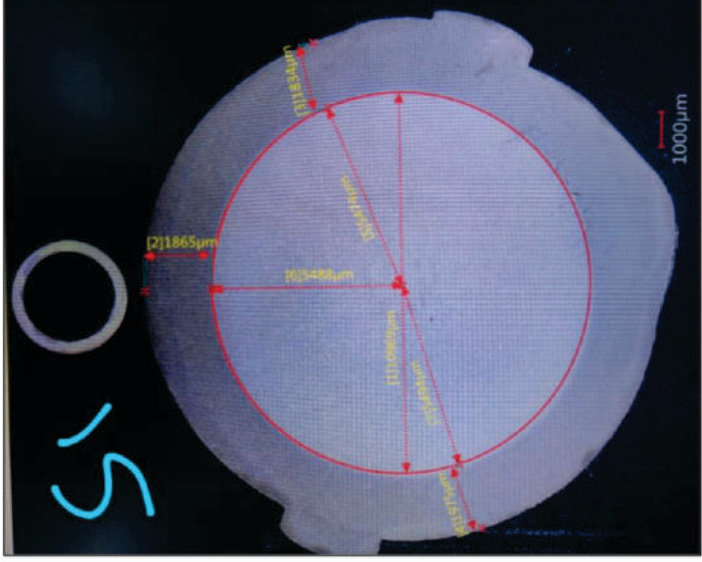
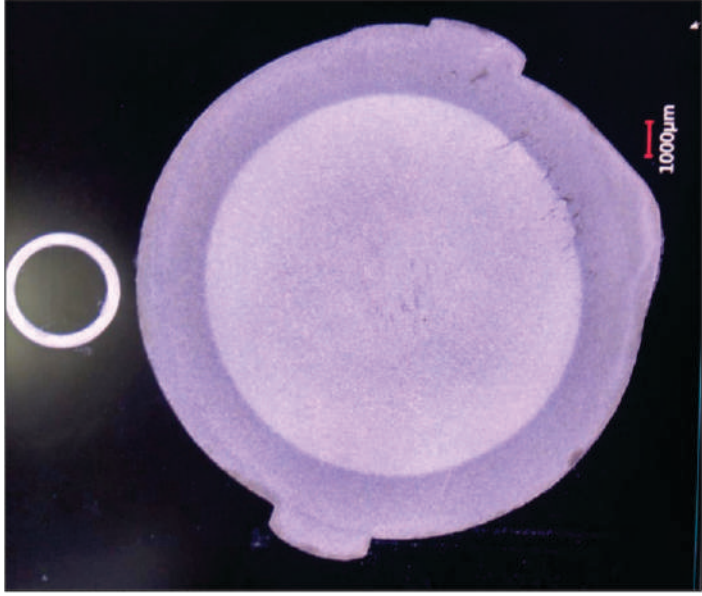


# Macrostructure Analysis

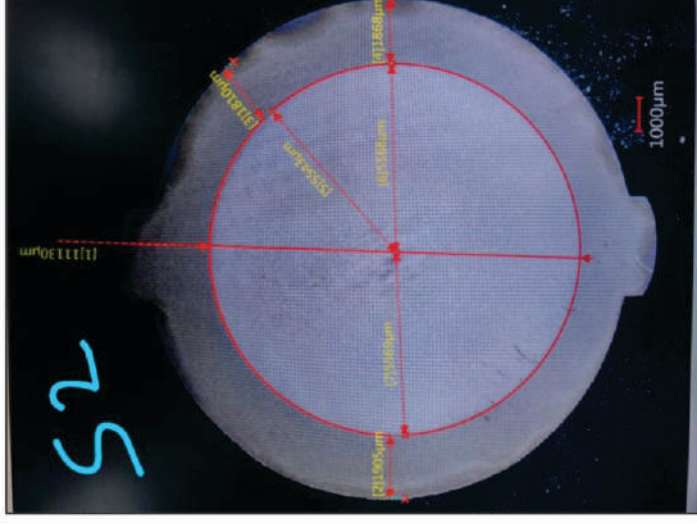
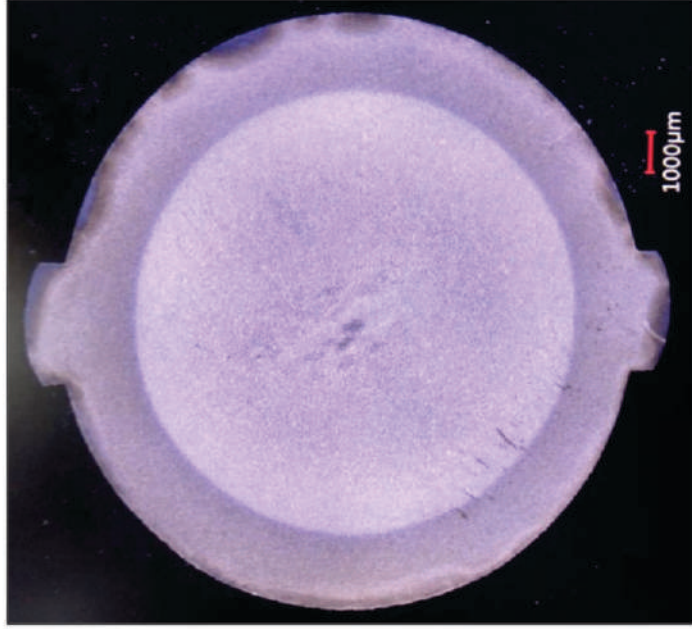




# Macrostructure Analysis - 16mm- Sample 1



# Macrostructure Analysis - 16mm - Sample 2

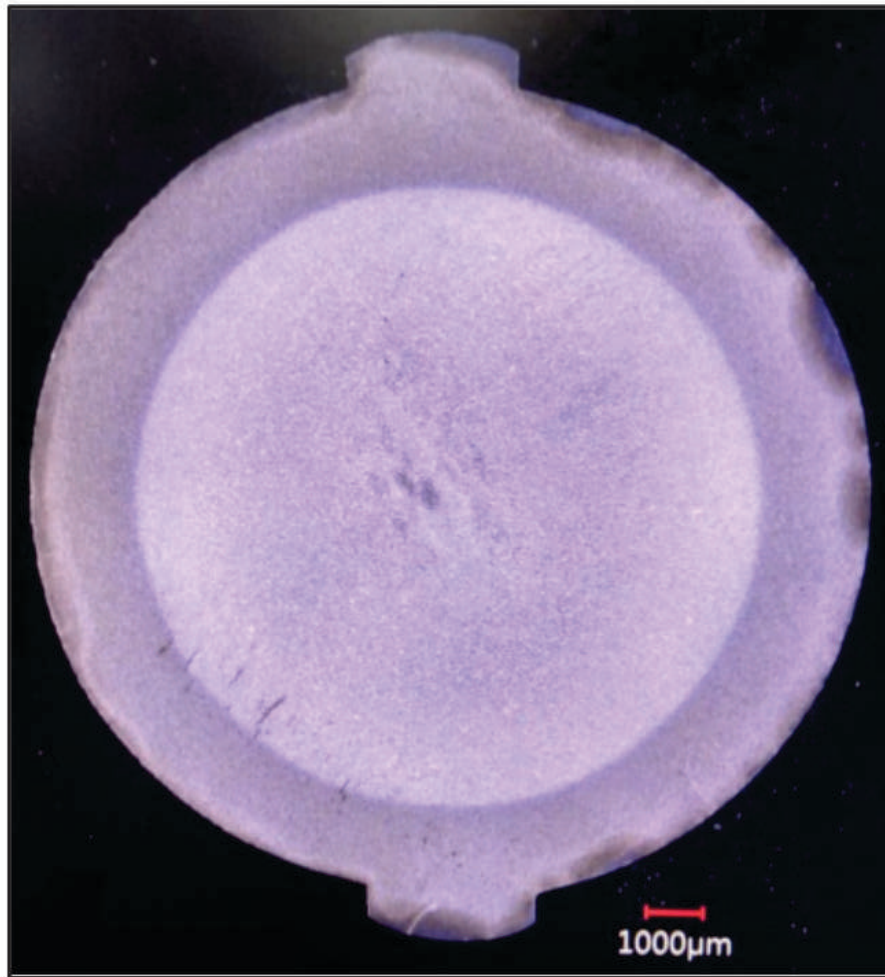


SBF  
**RAPiD** >>>

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

40mm

36mm

32mm

25mm

20mm

16mm

12mm

10mm

8mm



## SBF ISPAT PRIVATE LIMITED

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

+91-7014288818 | customercare@sbfrapid.com | www.sbfrapid.com



Locate Us

SBF RAPiD THERMEX 550D