

## Approvals and Certificates







JSW Steel Plant, Vijayanagar Works, Karnataka





JSW Steel Plant, Vijayanagar Works, Karnataka

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Meet JSW

JSW Group is a \$24 billion global conglomerate and one of India's most diverse and dynamic business entities. With its headquarters in Mumbai, the Group has a significant presence across steel, energy, cement, infrastructure, paints, electric mobility, defence, copper, venture capital, and sports. JSW Steel, its flagship company, is ranked among the world's leading steel manufacturers. JSW Energy is advancing India's clean energy ambitions, while JSW Cement and JSW Paints are redefining sustainability in construction and coatings. Beyond business, JSW invests in sports, technology, and community-driven initiatives, fostering inclusive growth. With operations spanning India, the US, Europe, and Africa, JSW is shaping a sustainable and progressive future.

400000+

People

300+

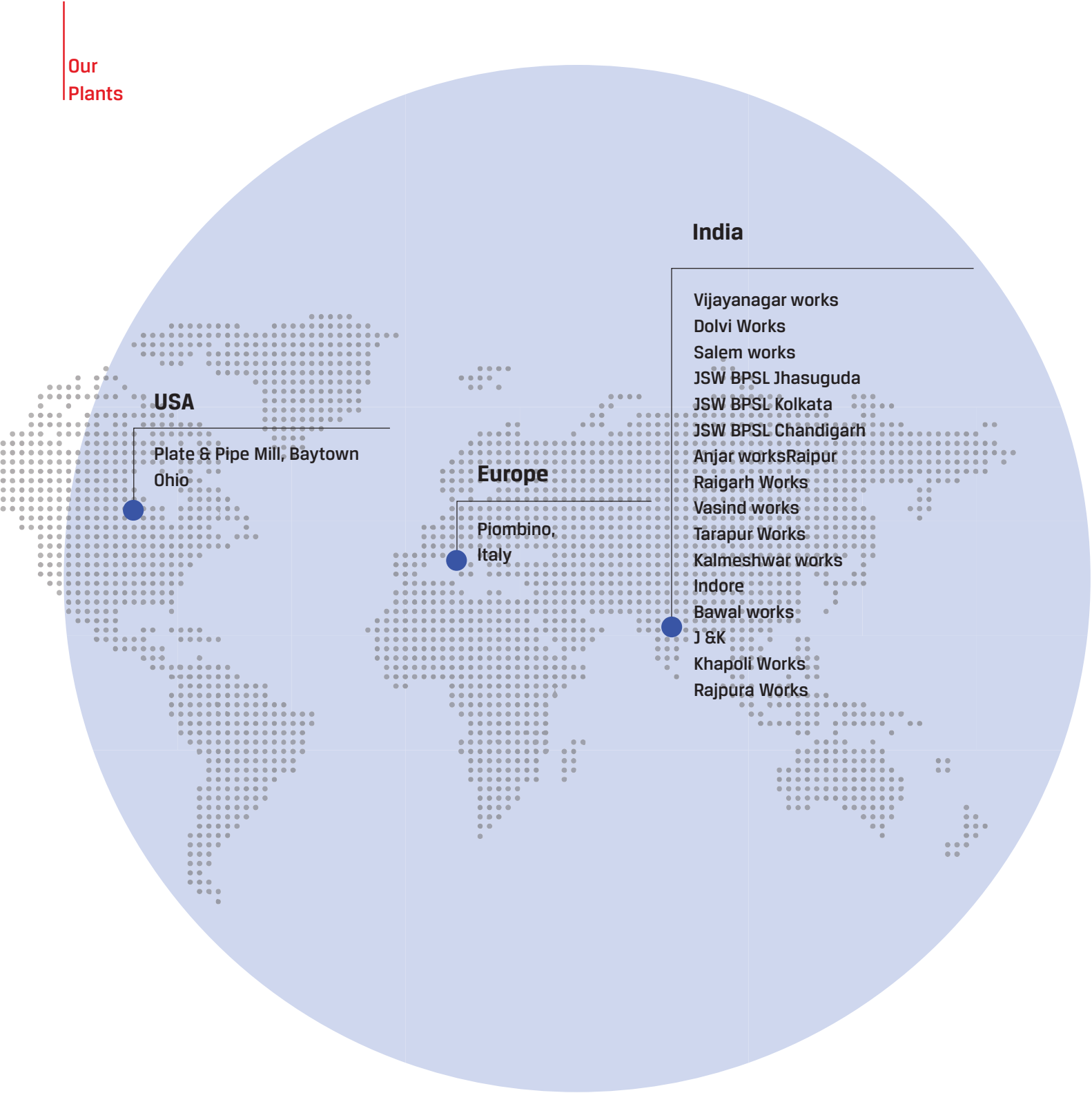
Offices

17

Plants

3

Continents





## Meet JSW Steel

JSW Steel is the flagship business of the diversified, US\$ 24 billion JSW Group. As one of India's leading business houses, JSW Group also has interests in energy, infrastructure, cement, paints, realty, e-platforms, green mobility, defence, sports, and venture capital. Over the last three decades, JSW Steel has grown from a single manufacturing unit to become India's leading integrated steel company with consolidated crude steel capacity of 35.7 MTPA including 1.5 MTPA in US. Domestic crude steel capacity stood at 32.5 MTPA and will reach at 34.2 MTPA post full commissioning of expansion project by wholly owned subsidiary, JSW Vijayanagar Metallica Ltd. (JVML) at Vijayanagar. Its next phase of growth will take consolidated capacity to 43.5 MTPA over next three years. The Company's plant in Vijayanagar, Karnataka is the largest single-location steel-producing facility in India with capacity of 17.5 MTPA (including under commissioning).

JSW Steel has always been at the forefront of research and innovation. It has a strategic collaboration with global leader JFE Steel of Japan, enabling JSW to access new and state-of-the-art technologies to produce and offer high value special steel products to its customers. These products are extensively used across industries and applications including construction, infrastructure, automobile, electrical applications, and appliances.

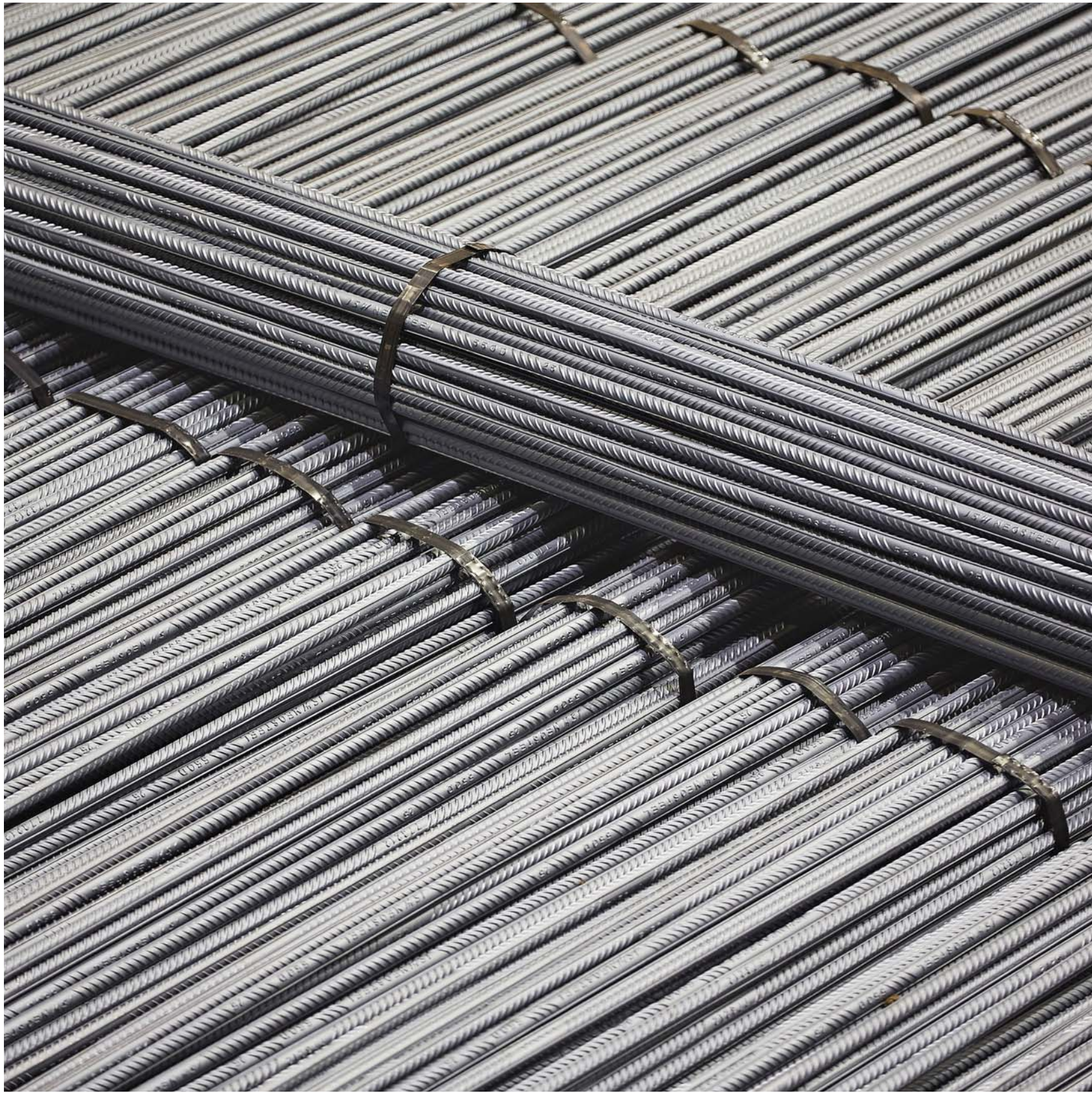
JSW Steel is widely recognized for its excellence in business and sustainability practices. Some of these recognitions include World Steel Association's Steel Sustainability Champion (consecutively from 2019 to 2024), Leadership Rating (A-) in CDP climate change disclosure and A in CDP Water Disclosure (2023), Deming Prize for TQM for its facilities at Vijayanagar (2018), and Salem (2019). It is part of the Dow Jones World and Emerging Markets Sustainability Indices (DJSI), and included in S&P Global's Sustainability Yearbook (consecutively from 2020 to 2024). JSW Steel is ranked 8th among the top 35 world-class steelmakers, according to the 'World-Class Steelmaker Rankings' by World Steel Dynamics (WSD), based on a variety of factors. As a responsible corporate citizen, JSW Steel's CO2 emission reduction goals are aligned with India's Climate Change commitments under the Paris Accord.

**Did You Know?** JSW Steel has received Responsible Steel Certification for four manufacturing sites - Vijaynagar, Dolvi, Tarapur and Salem



JSW Steel Plant, Vijayanagar Works, Karnataka





About JSW Neosteel

JSW Neosteel TMT Bars are one of India's leading TMT brands, known for their high quality and consistency. JSW Neosteel offers peace of mind not only to millions of house builders but also to leading infrastructure and commercial project companies across the world. JSW Neosteel TMT Bars manufactured through blast furnace route (BF-LHF-Billets-BRM-TMT) that ensures purity and premium quality. The state of art and world class bar rod mills used for production of JSW Neosteel are supplied from Danieli, Italy and Morgan, USA.

Manufactured from virgin iron ore in state-of-the-art rolling mills, every single running foot of JSW Neosteel TMT bars is free from impurities and has uniform properties.

Available in 500D, 550D, 500D CRS, 550D CRS, 600, 550D EDS etc



Easy Weldability



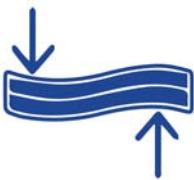
Easy Bendability



Higher Corrosion Resistance



Superior Siesmic Resistance



Higher Fatigue Resistance






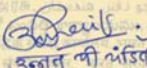
Pathway to Perfection





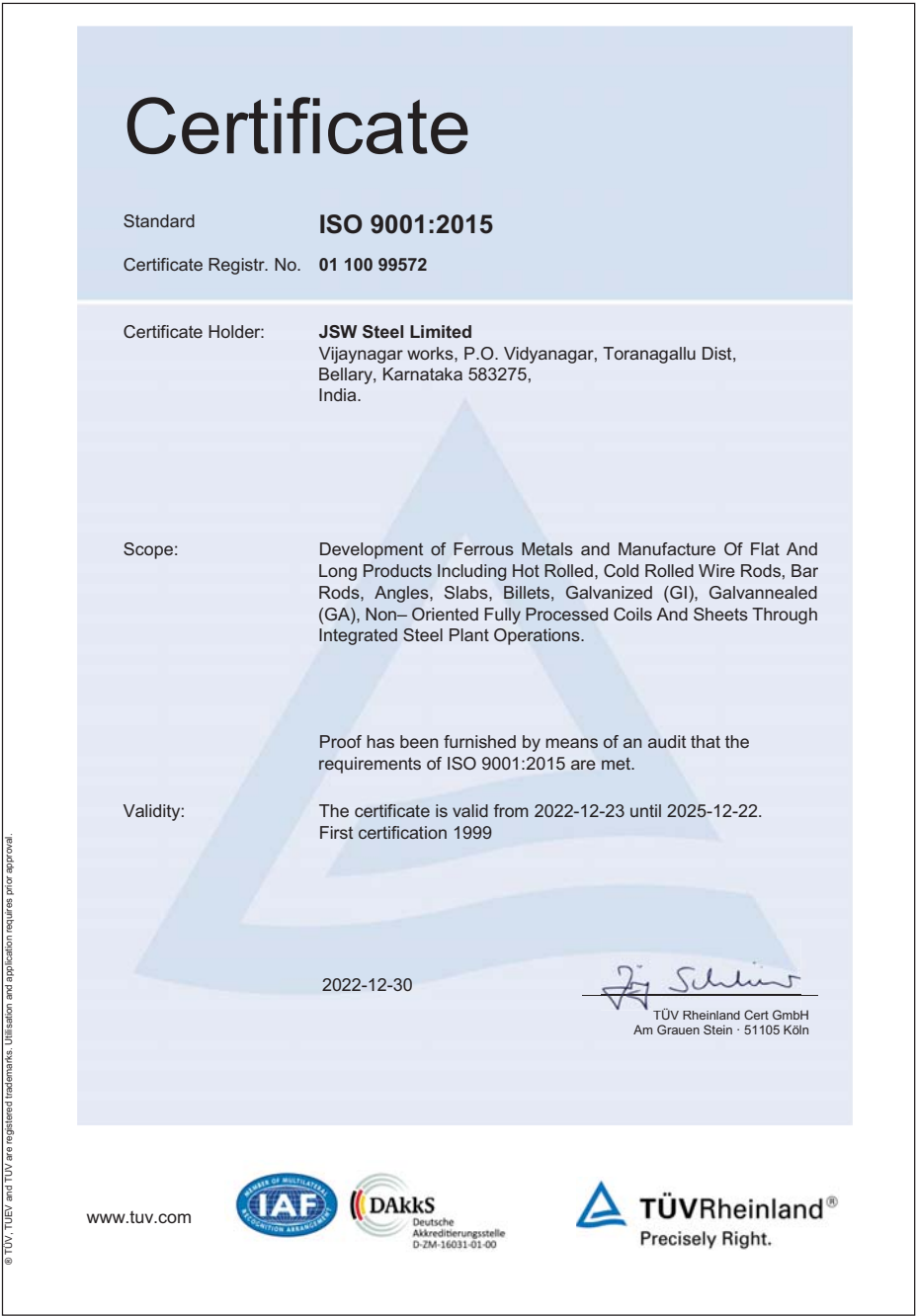
JSW Steel Plant , Vijaynagar



 <p>INTELLECTUAL PROPERTY INDIA REGISTRATION PHASES GEOGRAPHICAL INDICATIONS</p>	 <p>सत्यमेव जयते</p>	फार्म आरजी - 2 Form RG - 2 क्रमांक No. 3449892
व्यापार चिह्न रजिस्ट्री, भारत सरकार Trade Marks Registry, Government Of India		
व्यापार चिह्न अधिनियम, 1999 Trade Marks Act, 1999		
व्यापार चिह्न के रजिस्ट्रेशन का प्रमाणपत्र   Certificate of Registration of Trade Mark		
(भाग 23 (2), खंड 56 (1))   Section 23 (2), Rule 56 (1)		
व्यापार चिह्न संख्या / Trade Mark No.	:	5845664
दिनांक / Date	:	13-03-2023
ज. संख्या / J. No.	:	2125
प्रमाणित किया जाता है कि व्यापार चिह्न / जिसका प्रतिरूप इसके साथ संलग्न है, वह ..... के नाम से ..... वर्ग में ..... संख्या के अधीन दिनांक ..... को ..... के संबंध में रजिस्ट्रीकृत किया गया है।		
Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of JSW IP HOLDINGS PRIVATE LIMITED, JSW Centre Bandra Kurla Complex, Near MMRDA Grounds, Bandra East, Mumbai 400 051, Body Incorporate, (Body Incorporate)		
In Class 6	Under No. 5845664	as of the date 13 March 2023 in respect of
Goods and service as annexed		
JSW Neosteel		
आज वर्ष 20..... के ..... माह के ..... वें दिन को मेरे निर्देश पर मुद्रांकित किया गया		
Sealed at my direction, this 12 <sup>th</sup> day of March , 2024		
		
व्यापार चिह्न रजिस्ट्री मंत्रालय Trade Marks Registry MUMBAI	 उत्तम की शंखु व्यापार चिह्न रजिस्ट्रार Registrar of Trademarks	
<p>निर्दिष्टिका अनुसार आवेदन को अद्यतन में २५ वर्ष के लिए और अपेक्षाकृत हर १० वर्ष की अवधि के लिए और बारह २५ वर्ष की अवधि को समाप्त या भी अपेक्षाकृत किया जा सकता है। इस प्रमाणपत्र के अंतर्गत जारी किए गए चिह्न का विवरण निम्नलिखित प्राधिकरण द्वारा जारी किया जाएगा: १. प्रमाणपत्र जारी करने वाले अधिकारी को अपने पते पर आवेदन के मुख्य स्थान के पास ही या दूरस्थ रूप से चिह्न को भी प्रयोग करने के लिए हटाने के लिए हटाने का अधिकार होगा। २. प्रमाणपत्र जारी करने वाले अधिकारी को अपने पते पर आवेदन के मुख्य स्थान के पास ही या दूरस्थ रूप से चिह्न को भी प्रयोग करने के लिए हटाने के लिए हटाने का अधिकार होगा।</p> <p>Registration is for 10 years from the date of application and may then be renewed for a period of 10 years and also at the expiration of each period of 10 years. This certificate is not for use in legal proceedings or for obtaining Registration abroad.</p> <p>Note: Upon any change of ownership of this Trademark, or change in address, of the principal place of business or address for service in India a request should AT ONCE be made to register the change.</p>		

Class	Goods Description
6	Thermo-Mechanical Treatment (TMT) Steel Bars and Rods; Pipes, tubes, bars, rods, billet form TMT Re-bar, Wire Rod, Round Bars, Blooms or Billets, rings, strips, sections, in plates, in bars, steel in sheets, flats, balls of steel metal, cold-finished steel bars, hot-rolled steel bars; Binding Wire, GI, GI-coated wires, Bright Bars, TMBP - Tin mill black plate, HR CP - Higher Coating (300 gsm & 600 gsm), Bearing grade steel (Aloy Steel), Precision Pipes, API for pipes; Common metals and their alloys; Electrical Steel, Building Materials (metallic). Transportable buildings of metal; Materials of metal for railway track; Non-electric cables and wires of common metal; Insomergery, small items of metal hardware; Goods of common metal not included in other classes; Chains, Ironmongery, lugs, latches and other security devices; nails, screws, nuts, bolts, washers, rivets, fasteners, expansion fasteners, hardware, hinges, gratings, door and window fittings; Cabbons of steel wire; Hollow steel bars; Hot-rolled steel bars or tubes; Joists of iron or steel; Modular prefabricated steel framing; Steel chains; Steel buildings; Steel Beams; Steel building materials; Steel frames for building; Steel rope; steel wire.





# Certificate

Standard

ISO 14001:2015

Certificate Registr. No.

01 104 010751

Certificate Holder:

JSW Steel Limited  
Vijaynagar works, P.O. Vidyanagar, Toranagallu Dist,  
Bellary, Karnataka 583275  
India.

Scope:

Development of Ferrous metals and Manufacture of Flat and Long Products including Hot Rolled, Cold Rolled Wire Rods, Bar Rods, Angles, Slabs, Billets, Galvanized (GI), Galvannealed (GA), Non-Oriented Fully Processed Coils and Sheets through Integrated Steel Plant Operations.

Validity:

Proof has been furnished by means of an audit that the requirements of ISO 14001:2015 are met.  
  
The certificate is valid from 2022-12-30 until 2025-12-22.  
First certification 2001

2022-12-30



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Am Grauen Stein · 51105 Köln

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# Certificate

Standard

ISO 45001:2018

Certificate Registr. No.

01 213 010751

Certificate Holder:

JSW Steel Limited  
Vijaynagar works, P.O. Vidyanagar, Toranagallu Dist,  
Bellary, Karnataka 583275,  
India.

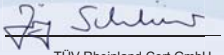
Scope:

Development of Ferrous Metals and Manufacture Of Flat And Long Products Including Hot Rolled, Cold Rolled Wire Rods, Bar Rods, Angles, Slabs, Billets, Galvanized (GI), Galvannealed (GA), Non-Oriented Fully Processed Coils And Sheets Through Integrated Steel Plant Operations.

Validity:



Proof has been furnished by means of an audit that the requirements of ISO 45001:2018 are met.  
  
The certificate is valid from 2022-12-25 until 2025-12-22.  
First certification 2004

2022-12-30



TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

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For any other communication

Hubli Branch Office-1st Floor, KS Financial Corporation Building, Pune Bangalore Road(Hubli-Dharwad Highway), Rayapur, Dharwad, DHARWAD,KARNATAKA,580009

Address:

Phone: 08362957898

Fax:

E-Mail: hubo@bis.gov.in

Web: www.bis.org.in, www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 6965397

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
6965397	JSW STEEL LTD - TORANAGALLU P.O VIDYANAGAR BELLARY- 583275 , , BELLARY : 583275	High strength deformed steel bars and wires for concrete reinforcement-	IS 1786 : 2008

Endorsement No. 21 Dated 18-Jul-2024

Whereas, the licence was valid upto Thirty First August Two Thousand Twenty Four.

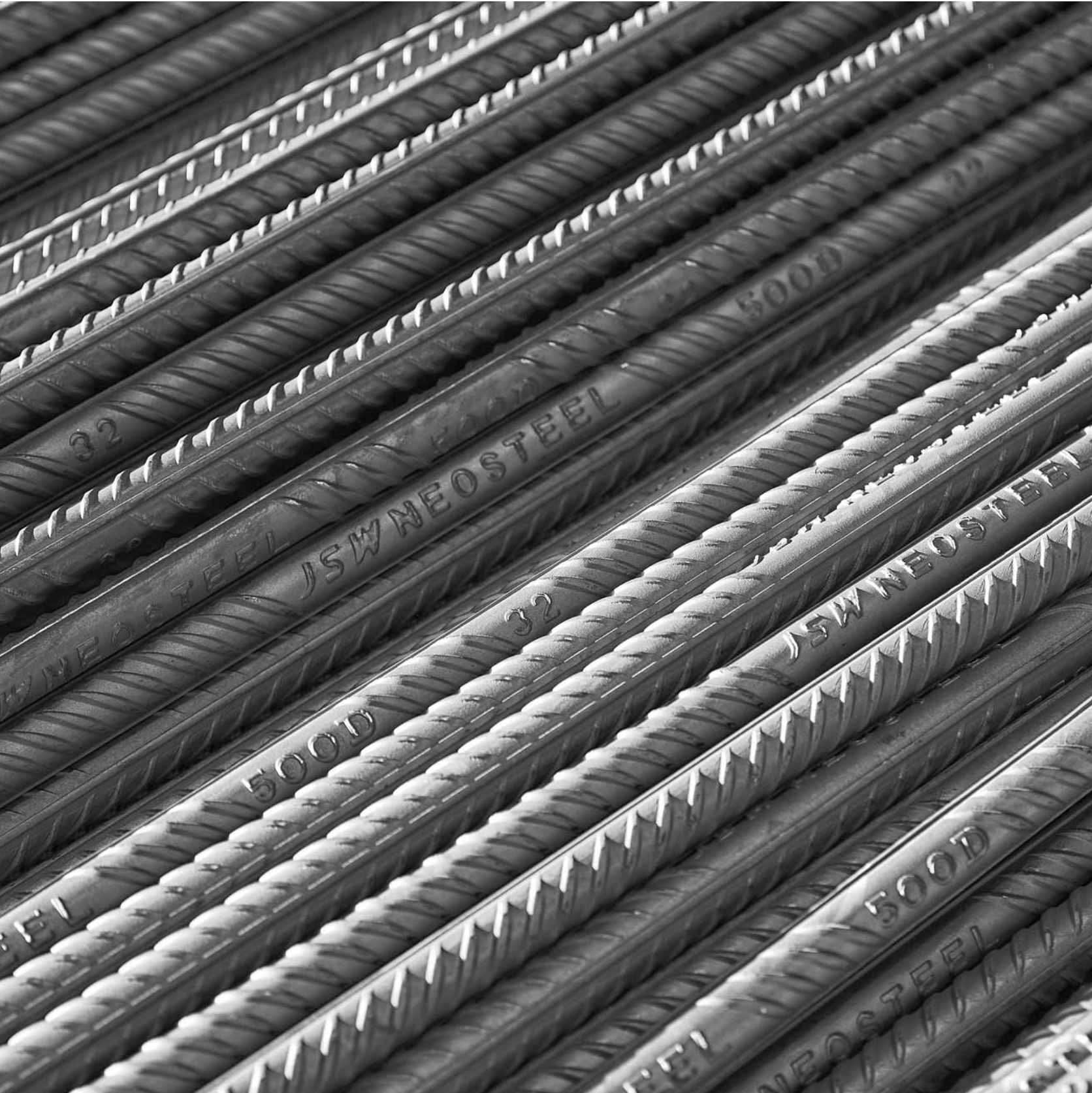
Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 30-AUG-2024 has been extended from Thirty First August Two Thousand Twenty Four to Thirty August Two Thousand Twenty Five

Other terms and conditions of licence remain same.


Branch Head (Hubli Branch Office)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131, 23233375, 23239402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in






**LUCID**  
 Laboratories Pvt. Ltd.

Testing to the Core

Issued to:

**JSW STEELS LIMITED,**  
 Vijayanagar Works  
 Toranagallu (V) - 583275  
 Vidyanagar Post  
 Bellary District.

## TEST REPORT

Plot No. 3, IDA, Balanagar,  
 Hyderabad - 500 037, Telangana.  
 Ph: 040-6904 2222/10 Lines  
 E-mail: info@lucidlabsindia.com  
 Web: www.lucidlabsindia.com


Report No: LL/24-25/008803  
 Issue Date: 02/01/2025.  
 C. Ref: Letter.  
 Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø8mm, Grade: Fe500D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar Ø8mm. **Heat No:** G986988.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding pullout test).  
**Date of receipt of sample :** 14/12/2024.  
**Date of starting of analysis :** 16/12/2024.  
**Date of completion of analysis :** 27/12/2024.


### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>4.2</b>	<b>Chemical composition</b>			
1	Carbon as C	% by mass	0.25 + 0.02 Max.	0.22
2	Sulphur as S	% by mass	0.040 + 0.005Max.	0.017
3	Phosphorus as P	% by mass	0.040 + 0.005Max.	0.021
4	Manganese as Mn	% by mass	---	0.80
5	Sulphur + Phosphorus	% by mass	0.075+ 0.010 Max.	0.038
6	Silicon as Si	% by mass	--	0.25
7	Carbon equivalent, CE		0.50 Max	0.37
8	Micro-alloying elements (Nb+V+Ti+B)	% by mass	0.30 Max.	0.002
9	Nitrogen Content	% by mass	0.012 Max.	0.007
<b>4.3</b>	Rolling and cold working of bars/wires		The bars/wires shall be well and cleanly rolled and shall be sound and free from surface defects and pipe.	Bars are well and cleanly rolled, sound. Free from surface defects and pipe.
<b>5.0</b>	<b>Requirements for Bond (Deformation and surface characteristics)</b>			
5.3	The mean projected rib area per unit length	mm <sup>2</sup> /mm	0.12 Ø for Ø < 10mm (i.e., 0.96 Min.)	1.13
5.5	The mean projected area of transverse rib above	mm <sup>2</sup> /mm	Shall not be less than one-third of the value given above. (i.e., 1/3 of 0.96 = 0.32Min)	1.13

  
 M. VIKAS

AUTHORISED SIGNATORY

Page 1 of 2

  
 V. SATHIAIAH

AUTHORISED SIGNATORY

Note: This report is subject to the terms and conditions mentioned overleaf

116878

**LUCID**  
Laboratories Pvt. Ltd.  
Testing to the Core

F-01-MSP7.8-TRP

Plot No. 3, IDA, Balanagar,  
Hyderabad - 500 037, Telangana.  
Ph: 040-6904 2222/10 Lines  
E-mail: info@lucidlabsindia.com  
Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008803  
Issue Date: 02/01/2025.  
C. Ref: Letter.  
Ref. Date: 11/12/2024.

Sample Particulars: **TMT BAR-Ø8mm,** Grade: **Fe500D.** BRAND NAME: **JSW NEO STEEL.**

**Sample Description:** TMT Bar Ø8mm. **Heat No:** G986988.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding pullout test).  
**Date of receipt of sample** : 14/12/2024.  
**Date of starting of analysis** : 16/12/2024.  
**Date of completion of analysis** : 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>6.0</b>	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	8.0	8.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	50.3	48.5
6.3	Mass per metre	kg	0.395 - 8%	0.381
<b>8 &amp; 9</b>	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.10 (but TS not less than 565 N/mm <sup>2</sup> )	1.14 (TS 682 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	500 Min	596
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	16.0 Min.	23.0
(iv)	Total elongation at maximum force on 5.65 √So mm GL.	Percent	5 Min.	9.5
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

**Method of testing:** As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-1), IS: 1599-2023 & IS: 1786-2008(RA 2018).

**Note:** The report and results relate only to the samples/items tested.


*[Signature]*  
REVIEWED BY

Page 2 of 2

*[Signature]*  
V.SATHIAIAH  
AUTHORISED SIGNATORY

**Note:** This report is subject to the terms and conditions mentioned overleaf **116879**




**LUCID**  
 Laboratories Pvt. Ltd.

Testing to the Core

Issued to:

**JSW STEELS LIMITED,**  
 Vijayanagar Works  
 Toranagallu (V) - 583275  
 Vidyanagar Post  
 Bellary District.

## TEST REPORT

F-01-MSP7.8-TRP

Plot No. 3, IDA, Balanagar,  
 Hyderabad - 500 037, Telangana.  
 Ph: 040-6904 2222/10 Lines  
 E-mail: info@lucidlabsindia.com  
 Web: www.lucidlabsindia.com


Report No: LL/24-25/008804  
 Issue Date: 02/01/2025.  
 C. Ref: Letter.  
 Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø8mm, Grade: Fe550D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar Ø8mm. **Heat No:** A59699.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).  
**Date of receipt of sample :** 14/12/2024.  
**Date of starting of analysis :** 16/12/2024.  
**Date of completion of analysis :** 27/12/2024.


### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe550D.	Results
<b>4.2</b>	<b>Chemical composition</b>			
1	Carbon as C	% by mass	0.25 + 0.02 Max.	0.20
2	Sulphur as S	% by mass	0.040 + 0.005Max.	0.018
3	Phosphorus as P	% by mass	0.040 + 0.005Max.	0.027
4	Manganese as Mn	% by mass	---	0.72
5	Sulphur + Phosphorus	% by mass	0.075+ 0.010 Max.	0.045
6	Silicon as Si	% by mass	--	0.25
7	Carbon equivalent, CE		0.61 Max.	0.35
8	Micro-alloying elements (Nb+V+Ti+B)	% by mass	0.30 Max.	0.003
9	Nitrogen Content	% by mass	0.012 Max.	0.006
<b>4.3</b>	Rolling and cold working of bars/wires		The bars/wires shall be well and cleanly rolled and shall be sound and free from surface defects and pipe.	Bars are well and cleanly rolled, sound. Free from surface defects and pipe.
<b>5.0</b>	<b>Requirements for Bond (Deformation and surface characteristics)</b>			
5.3	The mean projected rib area per unit length	mm <sup>2</sup> /mm	0.12 Ø for Ø < 10mm (i.e., 0.96 Min.)	1.39
5.5	The mean projected area of transverse rib above	mm <sup>2</sup> /mm	Shall not be less than one-third of the value given above. (i.e., 1/3 of 0.96 = 0.32Min)	1.39

  
 M. VIKAS

AUTHORISED SIGNATORY

Page 1 of 2

  
 V.SATHIAH

AUTHORISED SIGNATORY

Note: This report is subject to the terms and conditions mentioned overleaf

116880

**LUCID**  
Laboratories Pvt. Ltd.  
Testing to the Core

F-01-MSP7.8-TRP

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E-mail: info@lucidlabsindia.com  
Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008804

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø8mm, Grade: Fe550D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar Ø8mm. **Heat No:** A59699.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).  
**Date of receipt of sample :** 14/12/2024.  
**Date of starting of analysis :** 16/12/2024.  
**Date of completion of analysis :** 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe550D.	Results
<b>6.0</b>	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	8.0	8.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	50.3	49.2
6.3	Mass per metre	kg	0.395 - 8%	0.386
<b>8 &amp; 9</b>	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.08 (but TS not less than 600 N/mm <sup>2</sup> )	1.14 (TS 686 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	550 Min	602
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	14.5 Min.	19.9
(iv)	Total elongation at maximum force on 5.65 vSo mm GL.	Percent	5 Min.	8.4
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

**Method of testing:** As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-1), IS: 1599-2023 & IS: 1786-2008(RA 2018).

**Note:** The report and results relate only to the samples/items tested.

*J. V. S. THAIHA*  
REVIEWED BY

Page 2 of 2

*J. V. S. THAIHA*  
AUTHORISED SIGNATORY

**Note:** This report is subject to the terms and conditions mentioned overleaf **116881**

**LUCID**  
Laboratories Pvt. Ltd.  
Testing to the Core

F-01-MSP7.8-TRP

Plot No. 3, IDA, Balanagar,  
Hyderabad - 500 037, Telangana.  
Ph: 040-6904 2222/10 Lines  
E-mail: info@lucidlabsindia.com  
Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008805

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø16mm,

Grade: Fe500D.

BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar 16mm. **Heat No:** A3082644.

Quantity: 1 Set (1mtr x 3Nos).

Packing: Loose,

Sample Condition: Ambient.

Test Required: All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).

Date of receipt of sample : 14/12/2024.

Date of starting of analysis : 16/12/2024.

Date of completion of analysis : 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>4.2</b>	<b>Chemical composition</b>			
1	Carbon as C	% by mass	0.25 + 0.02 Max.	0.21
2	Sulphur as S	% by mass	0.040 + 0.005Max.	0.018
3	Phosphorus as P	% by mass	0.040 + 0.005Max.	0.019
4	Manganese as Mn	% by mass	---	0.74
5	Sulphur + Phosphorus	% by mass	0.075+ 0.010 Max.	0.037
6	Silicon as Si	% by mass	--	0.31
7	Carbon equivalent, CE		0.50 Max	0.34
8	Micro-alloying elements (Nb+V+Ti+B)	% by mass	0.30 Max.	0.003
9	Nitrogen Content	% by mass	0.012 Max.	0.007
<b>4.3</b>	<b>Rolling and cold working of bars/wires</b>		The bars/wires shall be well and cleanly rolled and shall be sound and free from surface defects and pipe.	Bars are well and cleanly rolled, sound. Free from surface defects and pipe.
<b>5.0</b>	<b>Requirements for Bond (Deformation and surface characteristics)</b>			
5.3	The mean projected rib area per unit length	mm <sup>2</sup> /mm	0.15 Ø for < Ø < 16mm (i.e., 2.40 Min.)	2.75
5.5	The mean projected area of transverse rib above	mm <sup>2</sup> /mm	Shall not be less than one-third of the value given above. ( i.e., 1/3 of 2.40 = 0.80Min)	2.75

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Page 1 of 2

V. SATHIAIAH  
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E-mail: info@lucidlabsindia.com  
Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008805  
Issue Date: 02/01/2025.  
C. Ref: Letter.  
Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø16mm, Grade: Fe500D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar Ø16mm. **Heat No:** A3082644.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).  
**Date of receipt of sample** : 14/12/2024.  
**Date of starting of analysis** : 16/12/2024.  
**Date of completion of analysis** : 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>6.0</b>	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	16.0	16.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	201.2	193.3
6.3	Mass per metre	kg	1.58 - 6%	1.52
<b>8 &amp; 9</b>	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.10 (but TS not less than 565 N/mm <sup>2</sup> )	1.17 (TS 651 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	500 Min	555
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	16.0 Min.	20.9
(iv)	Total elongation at maximum force on 5.65 vSo mm GL.	Percent	5 Min.	9.4
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

**Method of testing:** As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-I), IS: 1599-2023 & IS: 1786-2008(RA 2018).

**Note:** The report and results relate only to the samples/items tested.

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Page 2 of 2

V.SATHIAIAH  
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F-01-MSP7.8-TRP


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## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
 Vijayanagar Works  
 Toranagallu (V) - 583275  
 Vidyannagar Post  
 Bellary District.

Report No: LL/24-25/008806

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø16mm, Grade: Fe550D. BRAND NAME: JSW NEO STEEL.

Sample Description: TMT Bar Ø16mm. Heat No: A3082511.

Quantity: 1 Set (1mtr x 3Nos).

Packing: Loose,

Sample Condition: Ambient.

Test Required: All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).

Date of receipt of sample : 14/12/2024.

Date of starting of analysis : 16/12/2024.


Date of completion of analysis : 27/12/2024.

### TEST RESULTS


Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe550D.	Results
<b>6.0</b>	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	16.0	16.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	201.2	199.7
6.3	Mass per metre	kg	1.58 - 6%	1.57
<b>8 &amp; 9</b>	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.08 (but TS not less than 600 N/mm <sup>2</sup> )	1.14 (TS 701 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	550 Min	617
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	14.5 Min.	24.8
(iv)	Total elongation at maximum force on 5.65 vSo mm GL.	Percent	5 Min.	8.9
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

Method of testing: As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-I), IS: 1599-2023 & IS: 1786-2008(RA 2018).

Note: The report and results relate only to the samples/items tested.

  
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Testing to the Core

Issued to:

**JSW STEELS LIMITED,**  
 Vijayanagar Works  
 Toranagallu (V) - 583275  
 Vidyanagar Post  
 Bellary District.

## TEST REPORT

Report No: LL/24-25/008807

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø32mm,

Grade: Fe500D.

BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar 32mm. **Heat No:** A3083087.

Quantity: 1 Set (1mtr x 3Nos).

Packing: Loose,

Sample Condition: Ambient.

Test Required: All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).


Date of receipt of sample : 14/12/2024.

Date of starting of analysis : 16/12/2024.

Date of completion of analysis : 27/12/2024.


### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>4.2</b>	<b>Chemical composition</b>			
1	Carbon as C	% by mass	0.25 + 0.02 Max.	0.21
2	Sulphur as S	% by mass	0.040 + 0.005Max.	0.021
3	Phosphorus as P	% by mass	0.040 + 0.005Max.	0.022
4	Manganese as Mn	% by mass	---	0.78
5	Sulphur + Phosphorus	% by mass	0.075+ 0.010 Max.	0.043
6	Silicon as Si	% by mass	--	0.20
7	Carbon equivalent, CE		0.50 Max	0.35
8	Micro-alloying elements (Nb+V+Ti+B)	% by mass	0.30 Max.	0.002
9	Nitrogen Content	% by mass	0.012 Max.	0.007
<b>4.3</b>	Rolling and cold working of bars/wires		The bars/wires shall be well and cleanly rolled and shall be sound and free from surface defects and pipe.	Bars are well and cleanly rolled, sound. Free from surface defects and pipe.
<b>5.0</b>	<b>Requirements for Bond (Deformation and surface characteristics)</b>			
5.3	The mean projected rib area per unit length	mm <sup>2</sup> /mm	0.17 Ø for Ø > 16mm (i.e., 5.44 Min.)	5.78
5.5	The mean projected area of transverse rib above	mm <sup>2</sup> /mm	Shall not be less than one-third of the value given above. (i.e., 1/3 of 4.25 = 1.81Min)	5.78


**M. VIKAS**

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Page 1 of 2


**V.SATHIAIAH**

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Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008807

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø32mm, Grade: Fe500D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar Ø16mm. **Heat No:** A3083087.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Nitrogen).  
**Date of receipt of sample :** 14/12/2024.  
**Date of starting of analysis :** 16/12/2024.  
**Date of completion of analysis :** 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe500D.	Results
<b>6.0</b>	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	32.0	32.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	804.6	807.6
6.3	Mass per metre	kg	6.31 - 4%	6.34
<b>8 &amp; 9</b>	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.10 (but TS not less than 565 N/mm2)	1.19 (TS 706 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	500 Min	591
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	16.0 Min.	18.4
(iv)	Total elongation at maximum force on 5.65 √So mm GL.	Percent	5 Min.	8.4
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

**Method of testing:** As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-1), IS: 1599-2023 & IS: 1786-2008(RA 2018).

**Note:** The report and results relate only to the samples/items tested.

*Today's*  
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Page 2 of 2

*V. SATHIAH*  
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Note: This report is subject to the terms and conditions mentioned overleaf

116887



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Laboratories Pvt. Ltd.  
Testing to the Core

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Web: www.lucidlabsindia.com

## TEST REPORT

Issued to:

**JSW STEELS LIMITED,**  
Vijayanagar Works  
Toranagallu (V) - 583275  
Vidyanagar Post  
Bellary District.

Report No: LL/24-25/008808

Issue Date: 02/01/2025.

C. Ref: Letter.

Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø32mm, Grade: Fe550D. BRAND NAME: JSW NEO STEEL.

**Sample Description:** TMT Bar 32mm. **Heat No:** A3082413.

**Quantity:** 1 Set (1mtr x 3Nos).

**Packing:** Loose,

**Sample Condition:** Ambient.

**Test Required:** All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).

**Date of receipt of sample** : 14/12/2024.

**Date of starting of analysis** : 16/12/2024.

**Date of completion of analysis** : 27/12/2024.

### TEST RESULTS

Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe550D.	Results
<b>4.2</b>	<b>Chemical composition</b>			
1	Carbon as C	% by mass	0.25 + 0.02 Max.	0.22
2	Sulphur as S	% by mass	0.040 + 0.005Max.	0.016
3	Phosphorus as P	% by mass	0.040 + 0.005Max.	0.023
4	Manganese as Mn	% by mass	---	0.83
5	Sulphur + Phosphorus	% by mass	0.075+ 0.010 Max.	0.039
6	Silicon as Si	% by mass	--	0.23
7	Carbon equivalent, CE	-	0.61 Max.	0.37
8	Micro-alloying elements (Nb+V+Ti+B)	% by mass	0.30 Max.	0.002
9	Nitrogen Content	% by mass	0.012 Max.	0.008
<b>4.3</b>	Rolling and cold working of bars/wires	-	The bars/wires shall be well and cleanly rolled and shall be sound and free from surface defects and pipe.	Bars are well and cleanly rolled, sound. Free from surface defects and pipe.
<b>5.0</b>	<b>Requirements for Bond (Deformation and surface characteristics)</b>			
5.3	The mean projected rib area per unit length	mm <sup>2</sup> /mm	0.17 Ø for Ø > 16mm (i.e., 5.44 Min.).	6.11
5.5	The mean projected area of transverse rib above	mm <sup>2</sup> /mm	Shall not be less than one-third of the value given above. (i.e., 1/3 of 5.44 = 1.81Min)	6.11

*M. Vikas*  
M. VIKAS


AUTHORISED SIGNATORY

Page 1 of 2

*J. Jayashankar*  
J. JAYASHANKAR  
AUTHORISED SIGNATORY

Note: This report is subject to the terms and conditions mentioned overleaf

117885


**LUCID**  
 Laboratories Pvt. Ltd.

Testing to the Core

Issued to:

**JSW STEELS LIMITED,**  
 Vijayanagar Works  
 Toranagallu (V) - 583275  
 Vidyannagar Post  
 Bellary District.

## TEST REPORT

F-01-MSP7.8-TRP

Plot No. 3, IDA, Balanagar,  
 Hyderabad - 500 037, Telangana.  
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 E-mail: info@lucidlabsindia.com  
 Web: www.lucidlabsindia.com

Report No: LL/24-25/008808  
 Issue Date: 02/01/2025.  
 C. Ref: Letter.  
 Ref. Date: 11/12/2024.

Sample Particulars: TMT BAR-Ø32mm, Grade: Fe550D. BRAND NAME: JSW NEO STEEL.

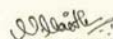
**Sample Description:** TMT Bar Ø32mm. **Heat No:** A3082413.  
**Quantity:** 1 Set (1mtr x 3Nos). **Packing:** Loose, **Sample Condition:** Ambient.  
**Test Required:** All tests as per IS:1786-2008(RA 2018) with amendment Nos 1 to 4 (Excluding Pullout Test).  
**Date of receipt of sample :** 14/12/2024.  
**Date of starting of analysis :** 16/12/2024.  
**Date of completion of analysis :** 27/12/2024.

### TEST RESULTS

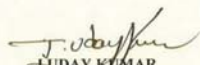
Cl. No	Test Parameters	UOM	Requirements as per IS: 1786-2008(RA 2018) with amendment Nos 1 to 4, Grade: Fe550D.	Results
6.0	<b>Nominal Sizes</b>			
6.1	Nominal size of bar	mm	32.0	32.0
6.2	Nominal cross-sectional area	mm <sup>2</sup>	804.6	800.0
6.3	Mass per metre	kg	6.31 - 4%	6.28
8 & 9	<b>Physical properties</b>			
9.2 (i)	TS/YS Ratio	---	≥ 1.08 (but TS not less than 600 N/mm <sup>2</sup> )	1.23 (TS 731 N/mm <sup>2</sup> )
(ii)	0.2% Proof Stress/Yield Stress	N/mm <sup>2</sup>	550 Min	594
(iii)	Elongation on 5.65√So mm Gauge Length	Percent	14.5 Min.	20.3
(iv)	Total elongation at maximum force on 5.65√So mm GL.	Percent	5 Min.	9.6
9.3	Bend Test	Visual	Pass the test if there is no rupture or cracks in the bent portion.	No rupture or cracks observed.
9.4	Rebend Test	Visual	Pass the test if there is no rupture or cracks in the rebent portion.	No rupture or cracks observed.

Method of testing: As per IS:8811-1998(RA2012), IS: 1608(P1)-2022, IS: 2770(Part-1), IS: 1599-2023 & IS: 1786-2008(RA 2018).

Note: The report and results relate only to the samples/items tested.

  
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Page 2 of 2

  
 J. DAY KUMAR  
 AUTHORISED SIGNATORY


Note: This report is subject to the terms and conditions mentioned overleaf **117886**





JSW Steel Plant , Dolvi ,Maharashtra





भारतीय मानक ब्यूरो

Bureau of Indian Standards

The National Standards Body of India

For any other communication

Mumbai Branch Office-II-5th Floor, MTNL CETTM Technology Street,, Hiranandani Garden, Powai , Mumbai,400076, Mumbai, MUMBAI CITY,MAHARASHTRA,400076

Address:

Phone: 02228329295

Fax: 02228264352

E-Mail: mubo2@bis.gov.in

Web: www.bis.org.in, www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7700043212

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indiap Standard No.
7700043212	JSW STEEL LIMITED - GEETAPURAM,DOLVI, , , PEN : 402107	High strength deformed steel bars and wires for concrete reinforcement-	IS 1786 : 2008

Endorsement No. 17 Dated 22-Jan-2025

Whereas, the licence was valid upto Ninth March Two Thousand Twenty Five.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 08-MAR-2025 has been extended from Ninth March Two Thousand Twenty Five to Eighth March Two Thousand Twenty Six

Other terms and conditions of licence remain same.

Branch Head (Mumbai Branch Office-II)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131, 23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in





Format No: SSA/TRF/GEN  
Issue No:02, Issue Date:01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

Test Report Issued To:  

JSW STEEL LIMITED, DOLVI WORKS  
  
GEETAPURAM, DOLVI, TALUKA PEN.,  
DIST. RAIGAD, MAHARASHTRA, INDIA,  
RAIGAD, MAHARASHTRA - 400706,  
INDIA

Test Report No: A1M250213011/M250213011-41  
Issue Date: 07-Mar-2025  
Sample Booking/Receipt Date: 13-Feb-2025  
Test Start Date: 14-Feb-2025  
Test Completion Date: 17-Feb-2025

Customer Relationship Number M29516

Sample Description :  
16MM DIA TMT BAR, GRADE - FE 550D, BID - 24BBD13724, HEAT NO. - 24404676

Customer Reference No :  
TRF DT: 13/02/2025, PO NO. DOLVI-HU/24-25/4500202896

Amendment Report to Test Report  
No:M250213011/M250213011-41 Dated:  
18-02-2025

Kind Attention : MR. ATUL  
E-Mail: atul.thorat@jsw.in  
Contact No: 8805022629

Sample Condition : Good  
Sample Quantity (Approx) : 3 - Nos  
Sample Size (Approx) : 1000 - mm

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

ULR-TC816325000002062F

Authenticity of report can be verified by mail at [verification@spectrolab.in](mailto:verification@spectrolab.in)  
This is a Digitally Signed Report and hence doesn't require Physical Signature

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Date: 2025.02.17  
15:29:44 +05:30  
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Date: 2025.02.17  
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Page 1 of 5

Format No: SSA/TRF/GEN  
Issue No: 02, Issue Date: 01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

ID-M250213011-4  
Discipline: Mechanical  
Group: Building Infrastructure & Construction Materials  
Dia-16mm  
Sample Condition: Un-Machined  
Temperature at 26.6°C

Properties	Observed Value	Required Value (As per IS:1786-2008, Grade Fe-550D)	Test Method	Conformity
Physical Properties				
Ultimate Tensile Strength (N/mm <sup>2</sup> )	747.0	≥1.08, but TS not less than 600.0	IS:1608 (P1)- 2022	Yes
TS/YS ratio	1.15			Yes
Yield Stress (N/mm <sup>2</sup> )	651.0	550.0 Min.		Yes
Elongation at break (%) on gauge length	22.0	14.5 Min.		
Bend Test (180°x4D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the bent portion.	IS:1599-2023	Yes
Rebend Test (135°,157.5°x7D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the rebent portion.	IS:1786-2008	Yes
Mass Per Meter Run (Kg)	1.56	1.58±5%	IS:1786-2008	Yes

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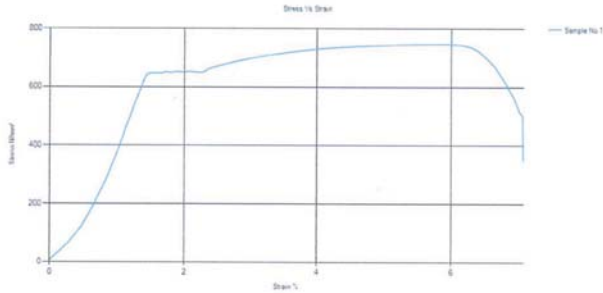
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Page 2 of 5



TEST REPORT

ID-M250213011-4



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TEST REPORT

ID- M250213011-4

Discipline: Chemical  
Group: Metals & alloys

Parameters	Observed Value	LOQ	Required Value (as per IS:1786-2008, Grade Fe-550D)	Test Method	Conformity
Chemical Analysis					
Carbon, %	0.21	--	0.25 Max. +0.02(Tolerance)	IS:8811-1998	Yes
Manganese, %	0.82	--	--		--
Sulphur, %	0.044	--	0.040 Max. +0.005(Tolerance)		Yes
Phosphorus, %	BLQ	0.008	0.040 Max. +0.005(Tolerance)		Yes
Silica, % (Killing mode)	0.26	--	--		--
Aluminum, %	BLQ	0.005	--		--
Sulphur & Phosphorus, %	0.052	--	0.075 Max. +0.010(Tolerance)	By Calculation	Yes
CE, %	0.37	--	0.61 Max		Yes

Note:-  
BLQ-Below the limit of quantification  
LOQ is taken for calculation of CE & S+P  
LOQ-Limit of quantification

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TEST REPORT

ID-M250213011-4

Discipline: Mechanical

Group: Building Infrastructure & Construction Materials

Dia-16mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Test Method
Mean projected rib area per unit area (mm <sup>2</sup> /mm)	4.12	IS:1786-2008
Effective cross-sectional area(mm <sup>2</sup> )	198.73	

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TEST REPORT

ID- M250213011-4

Discipline: Chemical

Group: Metals & alloys

Parameters	Observed Value	Test Method
Nitrogen, %	0.006	IS:228(Part 19) 1998

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TEST REPORT

ID-M250213011-5

Discipline: Mechanical

Group: Building Infrastructure & Construction Materials

Dia-20mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Required Value	Test Method	Conformity
		(As per IS:1786-2008, Grade Fe-550D)		
<b>Physical Properties</b>				
Ultimate Tensile Strength (N/mm <sup>2</sup> )	765.0	≥1.08, but TS not less than 600.0	IS:1608 (P1)- 2022	Yes
TS/YS ratio	1.16			
Yield Stress (N/mm <sup>2</sup> )	657.0	550.0 Min.		Yes
Elongation at break (%) on gauge length	20.0	14.5 Min.		Yes
Bend Test (180°x4D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the bent portion.	IS:1599-2023	Yes
Rebend Test (135°,157.5°x7D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the rebent portion.	IS:1786-2008	Yes
Mass Per Meter Run (Kg)	2.43	2.47±3%	IS:1786-2008	Yes

Solanki Bhaskar  
Reviewed By



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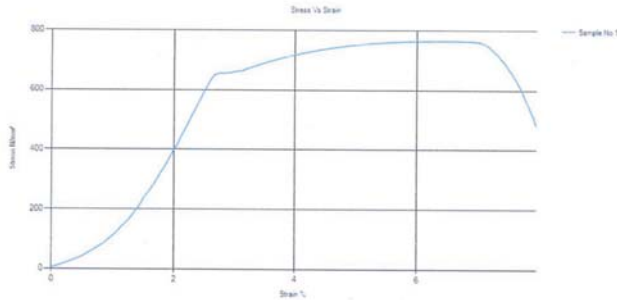
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TEST REPORT

ID-M250213011-5



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## TEST REPORT

ID- M250213011-5

**Discipline:** Chemical  
**Group:** Metals & alloys

<u>Parameters</u>	<u>Observed Value</u>	<u>LOQ</u>	<u>Required Value</u> (as per IS:1786-2008, Grade Fe-550D)	<u>Test Method</u>	<u>Conformity</u>
<b>Chemical Analysis</b>					
Carbon, %	0.20	—	0.25 Max. <u>+0.02(Tolerance)</u>	IS:8811-1998	Yes
Manganese,%	0.65	—	—		—
Sulphur, %	BLQ	0.008	0.040 Max. <u>+0.005(Tolerance)</u>		Yes
Phosphorus, %	BLQ	0.008	0.040 Max. <u>+0.005(Tolerance)</u>		Yes
Silica, % (Killing mode)	0.21	—	—		—
Aluminum, %	BLQ	0.005	—		—
Sulphur & Phosphorus, %	0.016	—	0.075 Max. <u>+0.010(Tolerance)</u>	By Calculation	Yes
CE, %	0.32	—	0.61 Max		Yes

Note-  
BLQ-Below the limit of quantification  
LOQ is taken for calculation of CE & S+P  
LOQ-Limit of quantification



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Format No: SSA/TRF/GEN  
Issue No: 02, Issue Date: 01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

Test Report issued To:  

JSW STEEL LIMITED, DOLVI WORKS  
  
GEETAPURAM, DOLVI, TALUKA PEN.,  
DIST. RAIGAD, MAHARASHTRA, INDIA,  
RAIGAD, MAHARASHTRA - 400706,  
INDIA

Test Report No: A1M250213011/M250213011-50  
Issue Date: 07-Mar-2025  
Sample Booking/Receipt Date: 13-Feb-2025  
Test Start Date: 14-Feb-2025  
Test Completion Date: 17-Feb-2025

Customer Relationship Number M29516

Sample Description :  
20MM DIA TMT BAR, GRADE - FE 550D, BID - 24CBD22672, HEAT NO. - 24305077

Customer Reference No :  
TRF DT. 13/02/2025, PO NO. DOLVI-HU24-25/4500202896

Amendment Report to Test Report  
No:M250213011/M250213011-50 Dated:  
18-02-2025

Kind Attention : MR. ATUL  
E-Mail: atul.thorat@jsw.in  
Contact No: 8805022629

Sample Condition : Good  
Sample Quantity (Approx) : 3 - Nos  
Sample Size (Approx) : 1000 - mm  
SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by Salish Bhaskar  
Date: 2025.02.17  
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Format No: SSA/TRF/GEN  
Issue No: 02, Issue Date: 01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

ID-M250213011-5

Discipline: Mechanical

Group: Building Infrastructure & Construction Materials

Dia-20mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Test Method
Mean projected rib area per unit area (mm <sup>2</sup> /mm)	4.28	IS:1786-2008
Effective cross-sectional area(mm <sup>2</sup> )	309.55	

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## TEST REPORT

ID- M250213011-5

**Discipline:** Chemical  
**Group:** Metals & alloys

<u>Parameters</u>	<u>Observed Value</u>	<u>Test Method</u>
Nitrogen, %	0.004	IS:228(Part 19) 1998

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BALAKRISHNA RANE  
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Specimen SSA Labia Private Limited undertakes to provide service to its customer subject to the terms & conditions mentioned here

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Format No: SSA/TRF/GEN  
Issue No:02, Issue Date:01-11-2022  
Rev. No:-, Rev. Date: -

TEST REPORT

Test Report Issued To:  

JSW STEEL LIMITED, DOLVI WORKS  
  
GEETAPURAM, DOLVI, TALUKA PEN.,  
DIST. RAIGAD, MAHARASHTRA, INDIA,  
RAIGAD, MAHARASHTRA - 400706,  
INDIA

Test Report No: A1M250213011/M250213011-61  
Issue Date: 07-Mar-2025  
Sample Booking/Receipt Date: 13-Feb-2025  
Test Start Date: 14-Feb-2025  
Test Completion Date: 17-Feb-2025

Customer Relationship Number M29516

Sample Description :  
25MM DIA TMT BAR, GRADE - FE 550D, BID - 24CBD17028, HEAT NO. - 24405141

Customer Reference No :  
TRF DT. 13/02/2025, PO NO. DOLVI-HL/24-25/4500202896

Amendment Report to Test Report  
No:M250213011/M250213011-61 Dated: 18-02-2025

Kind Attention : MR. ATUL  
E-Mail: atul.thorat@jsw.in

Contact No: 8805022629

Sample Condition : Good  
Sample Quantity (Approx) : 3 - Nos  
Sample Size (Approx) : 1000 - mm

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

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Format No: SSA/TRF/GEN  
Issue No: 02, Issue Date: 01-11-2022  
Rev. No:-, Rev. Date: -

TEST REPORT

ID-M250213011-6  
Discipline: Mechanical  
Group: Building Infrastructure & Construction Materials  
Dia-25mm  
Sample Condition: Un-Machined  
Temperature at 26.6°C

Properties	Observed Value	Required Value	Test Method	Conformity
		(As per IS:1786-2008 , Grade Fe-550D)		
Physical Properties				
Ultimate Tensile Strength (N/mm <sup>2</sup> )	753.0	≥1.08, but TS not less than 600.0	IS:1608 (P1)- 2022	Yes
TS/YS ratio	1.19			
Yield Stress (N/mm <sup>2</sup> )	635.0	550.0 Min.		Yes
Elongation at break (%) on gauge length	21.5	14.5 Min.		Yes
Bend Test (180°x5D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the bent portion.	IS:1599-2023	Yes
Rebend Test (135°,157.5°x7D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the rebent portion.	IS:1786-2008	Yes
Mass Per Meter Run (Kg)	3.88	3.85±3%	IS:1786-2008	Yes

Sally Bhaskar  
Reviewed By

TC-8163

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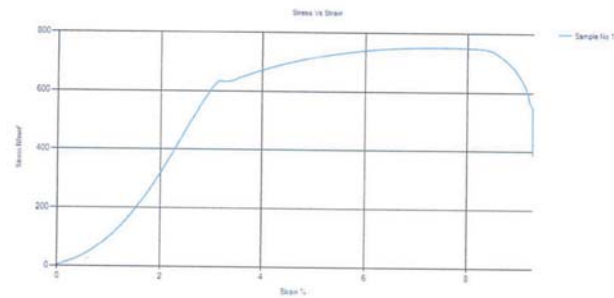
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## TEST REPORT

ID-M250213011-6



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## TEST REPORT

ID- M250213011-6

Discipline: Chemical  
Group: Metals & alloys

Parameters	Observed Value	LOQ	Required Value (as per IS:1786-2008, Grade Fe-550D)	Test Method	Conformity
Chemical Analysis					
Carbon, %	0.21	--	0.25 Max. +0.02(Tolerance)	IS:8811-1998	Yes
Manganese, %	0.65	--	--		--
Sulphur, %	BLQ	0.008	0.040 Max. +0.005(Tolerance)		Yes
Phosphorus, %	BLQ	0.008	0.040 Max. +0.005(Tolerance)		Yes
Silica, % (Killing mode)	0.13	--	--		--
Aluminum, %	BLQ	0.005	--		--
Sulphur & Phosphorus, %	0.016	--	0.075 Max. +0.010(Tolerance)	By Calculation	Yes
CE, %	0.34	--	0.61 Max		Yes

Note-  
BLQ-Below the limit of quantification  
LOQ is taken for calculation of CE & S+P  
LOQ-Limit of quantification

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## TEST REPORT

ID-M250213011-6

Discipline: Mechanical

Group: Building Infrastructure &amp; Construction Materials

Dia-25mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Test Method
Mean projected rib area per unit area (mm <sup>2</sup> /mm)	5.25	IS:1786-2008
Effective cross-sectional area(mm <sup>2</sup> )	494.27	



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## TEST REPORT

ID- M250213011-6

Discipline: Chemical

Group: Metals &amp; alloys

Parameters	Observed Value	Test Method
Nitrogen, %	0.006	IS:228(Part 19) 1998



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TEST REPORT

ID-M250213011-7

Discipline: Mechanical

Group: Building Infrastructure & Construction Materials

Dia-40mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Required Value	Test Method	Conformity
		(As per IS:1786-2008, Grade Fe-550D)		
<b>Physical Properties</b>				
Ultimate Tensile Strength (N/mm <sup>2</sup> )	743.0	≥1.08, but TS not less than 600.0	IS:1608 (P1)- 2022	Yes
TS/YS ratio	1.21			
Yield Stress (N/mm <sup>2</sup> )	615.0	550.0 Min.		Yes
Elongation at break (%) on gauge length	22.5	14.5 Min.		Yes
Bend Test (180°x5D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the bent portion.	IS:1599-2023	Yes
Rebend Test (135°,157.5°x7D)	No rupture or crack Observed	The specimen shall be considered to have passed if there is no rupture or Cracks visible to a person of normal or corrected vision on the rebent portion.	IS:1786-2008	Yes
Mass Per Meter Run (Kg)	9.70	9.86±3%	IS:1786-2008	Yes

*Sahakar*  
Reviewed By  
Sahakar Bhaskar



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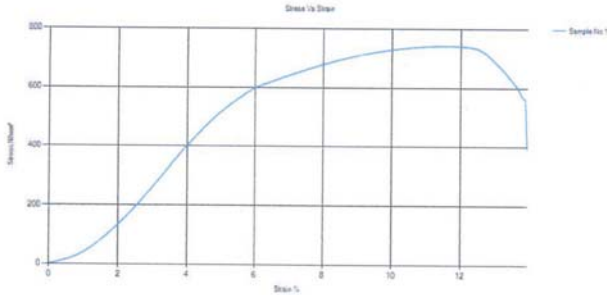
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TEST REPORT

ID-M250213011-7



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Sahakar Bhaskar



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## TEST REPORT

ID- M250213011-7

**Discipline:** Chemical  
**Group:** Metals & alloys

<u>Parameters</u>	<u>Observed Value</u>	<u>LOQ</u>	<u>Required Value</u> (as per IS:1786-2008, Grade Fe-550D)	<u>Test Method</u>	<u>Conformity</u>
<b>Chemical Analysis</b>					
Carbon, %	0.22	--	0.25 Max. <u>+0.02(Tolerance)</u>	IS:8811-1998	Yes
Manganese,%	0.79	--	--		--
Sulphur, %	0.021	--	0.040 Max. <u>+0.005(Tolerance)</u>		Yes
Phosphorus, %	BLQ	0.008	0.040 Max. <u>+0.005(Tolerance)</u>		Yes
Silica, % (Killing mode)	0.28	--	--		--
Aluminum, %	BLQ	0.005	--		--
Sulphur & Phosphorus, %	0.029	--	0.075 Max. <u>+0.010(Tolerance)</u>	By Calculation	Yes
CE, %	0.37	--	0.61 Max		Yes

Note-  
BLQ-Below the limit of quantification  
LOQ is taken for calculation of CE & S+P  
LOQ-Limit of quantification

SHAILESH BALKRISHNA RAHE  
Reviewed By



TC-8163



ULR-TC816325000002069F

Digitally signed by  
SHAILESH  
BALKRISHNA RANE  
Date: 2025.03.07  
15:25:11 +05'30  
Authorised Signatory

Legal Entity: Spectro SSA Labs Private Limited, CIN : U74990DL2010PTC354497

R-489, TTC Industrial Area, MIDC, Rabale, Navi Mumbai-400701 (India)  
+91-22-25893335 | [www.spectro.in](http://www.spectro.in) | [care.mumbai@spectro.in](mailto:care.mumbai@spectro.in)

ISO 14001:2015, ISO 9001:2015 and ISO 45001:2018 Certified Laboratory

Page 4 of 5

Spectra SSA Ladies Private Limited undertakes to provide service to its customer subject to the terms & conditions mentioned here

- [illegible]

\* End of Report \*

Legal Entity: Spectro SSA Labs Private Limited, CIN: U74990DL2010PTC354497  
(part of Eurofins Scientific SE)

R-489, TTC Industrial Area, MIDC, Rabale, Navi Mumbai-400701 (India)  
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Format No: SSA/TRF/GEN  
Issue No 02, Issue Date: 01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

Test Report Issued To:  

JSW STEEL LIMITED, DOLVI WORKS  
  
GEETAPURAM, DOLVI, TALUKA PEN,  
DIST. RAIGAD, MAHARASHTRA, INDIA,  
RAIGAD, MAHARASHTRA - 400706,  
INDIA

Test Report No: A1M250213011/M250213011-70  
Issue Date: 07-Mar-2025  
Sample Booking/Receipt Date: 13-Feb-2025  
Test Start Date: 14-Feb-2025  
Test Completion Date: 17-Feb-2025

Customer Relationship Number M29516

Sample Description :  
40MM DIA TMT BAR, GRADE - FE 550D, BID - 24CBD11089, HEAT NO. - 24105264

Customer Reference No :  
TRF DT. 13/02/2025, PO NO. DOLVI-HL/24-25/4500202896

Amendment Report to Test Report  
No:M250213011/M250213011-70 Dated:  
18-02-2025

Kind Attention : MR. ATUL  
E-Mail: atul.thorat@jsw.in

Contact No: 8805022629

Sample Condition : Good  
Sample Quantity (Approx) : 3 - Nos  
Sample Size (Approx) : 1000 - mm

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued By

Digitally signed by  
Salish Bhaskar  
Date: 2025.02.17  
15:25:29 +05:30

Authenticity of report can be verified by mail at [verification@spectrolab.in](mailto:verification@spectrolab.in)  
This is a Digitally Signed Report and hence doesn't require Physical Signature

Legal Entity: Spectro SSA Labs Private Limited, CIN : U74990DL2010PTC354497  
(part of Eurofins Scientific SE)  
R-489, TTC Industrial Area, MIDC, Rabale, Navi Mumbai-400701 (India)  
+91-22-25893335 | [www.spectro.in](http://www.spectro.in) | [care.mumbai@spectro.in](mailto:care.mumbai@spectro.in)

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Page 1 of 4

Format No: SSA/TRF/GEN  
Issue No: 02, Issue Date: 01-11-2022  
Rev. No: -, Rev. Date: -

TEST REPORT

ID-M250213011-7

Discipline: Mechanical

Group: Building Infrastructure & Construction Materials

Dia-40mm

Sample Condition: Un-Machined

Temperature at 26.6°C

Properties	Observed Value	Test Method
Mean projected rib area per unit area (mm <sup>2</sup> /mm)	9.08	IS:1786-2008
Effective cross-sectional area(mm <sup>2</sup> )	1235.67	

Reviewed By

Digitally signed by  
Salish Bhaskar  
Date: 2025.02.17  
15:25:29 +05:30

Authorised Signatory

Legal Entity: Spectro SSA Labs Private Limited, CIN : U74990DL2010PTC354497  
(part of Eurofins Scientific SE)  
R-489, TTC Industrial Area, MIDC, Rabale, Navi Mumbai-400701 (India)  
+91-22-25893335 | [www.spectro.in](http://www.spectro.in) | [care.mumbai@spectro.in](mailto:care.mumbai@spectro.in)

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Page 2 of 4











KEC

KEC International Limited

8<sup>th</sup> Floor, Building No. 9 'A', DLF Cyber City Phase - III, Gurgaon - 122002, India.  
Tel.: +91-124-6798655/777 • Fax +91-124-6798617/18 • Web.: www.kecrgp.com

Ref No: KEC/20

Dated: 27-08-2024


To,  
JSW Steel Limited,  
NTH Complex, 4<sup>th</sup> Floor,  
Shaheed Jeet Singh Marg,  
Qutub Institutional Area  
New Delhi – 110067

Subject: Certificate of Performance

Reference: *"Supply of TMT at Indian Naval Academy, Ezimala vide PO No CV-092/1004638010 Dated: 7<sup>th</sup> March 2024"*


We are pleased to inform you that the steel procured from your manufacturing unit situated at Bellary, Karnataka has proved to be excellent in quality. So far we have procured and used approximately 113 MT of your TMT FE 550D bars and will continue to use the same until completion of the project referred above.  
We hereby state that the quality of steel provided by you is satisfactory and in compliance to the Government issued specifications. We hope to continue our business with your esteemed organization.

Thanking You  
For KEC International Limited



Authorized Signatory

Regd. Off. :CEAT Mahal, 1st Floor, 463, Dr. Annie Besant Road, Worli, Mumbai 400030, India.  
Tel.: +91-22-6667 0200 • Fax +91-22-66670260 • Web.: www.kecrgp.com



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Performance Certificate - KEC

KEC

KEC International Limited

8<sup>th</sup> Floor, Building No. 9 'A', DLF Cyber City Phase - III, Gurgaon - 122002, India.  
Tel.: +91-124-6798655/777 • Fax +91-124-6798617/18 • Web.: www.kecrgp.com

Ref No: KEC/22

Dated: 27-08-2024


To,  
JSW Steel Limited,  
NTH Complex, 4<sup>th</sup> Floor,  
Shaheed Jeet Singh Marg,  
Qutub Institutional Area  
New Delhi – 110067

Subject: Certificate of Performance

Reference: *"Supply of TMT at Adani Electricity Infra Limited, 400KV MSETCL, KUDUS Substation vide PO No SB-316/1004676798 Dated: 16 April 2024"*


We are pleased to inform you that the steel procured from your manufacturing unit situated at Bellary, Karnataka has proved to be excellent in quality. So far we have procured and used approximately 150 MT of your TMT FE 550D bars and will continue to use the same until completion of the project referred above.  
We hereby state that the quality of steel provided by you is satisfactory and in compliance to the Government issued specifications. We hope to continue our business with your esteemed organization.

Thanking You  
For KEC International Limited



Authorized Signatory

Regd. Off. :CEAT Mahal, 1st Floor, 463, Dr. Annie Besant Road, Worli, Mumbai 400030, India.  
Tel.: +91-22-6667 0200 • Fax +91-22-66670260 • Web.: www.kecrgp.com



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KEC

KEC International Limited

8<sup>th</sup> Floor, Building No. 9 'A', DLF Cyber City Phase - III, Gurgaon - 122002, India.  
Tel.: +91-124-6798655/777 • Fax +91-124-6798617/18 • Web.: www.kecpg.com

Ref No: KEC/19

Dated: 27-08-2024

To,  
JSW Steel Limited,  
NTH Complex, 4<sup>th</sup> Floor,  
Shaheed Jeet Singh Marg,  
Qutub Institutional Area  
New Delhi – 110067

Subject: Certificate of Performance

Reference: "Supply of TMT CV159, Pune Kirlaskar Project vide PO No CV-159/1004640828 Dated: 8<sup>th</sup> March 2024"

We are pleased to inform you that the steel procured from your manufacturing unit situated at Dolvi, Maharashtra has proved to be excellent in quality. So far we have procured and used approximately 440 MT of your TMT FE 550D bars and will continue to use the same until completion of the project referred above.

We hereby state that the quality of steel provided by you is satisfactory and in compliance to the Government issued specifications. We hope to continue our business with your esteemed organization.

Thanking You  
For KEC International Limited



Authorized Signatory

Regd. Off. :CEAT Mahal, 1st Floor, 463, Dr. Annie Besant Road, Worli, Mumbai 400030, India.  
Tel.: +91-22-6667 0200 • Fax +91-22-66670260 • Web.: www.kecpg.com



KEC

KEC International Limited

8<sup>th</sup> Floor, Building No. 9 'A', DLF Cyber City Phase - III, Gurgaon - 122002, India.  
Tel.: +91-124-6798655/777 • Fax +91-124-6798617/18 • Web.: www.kecpg.com

Ref No: KEC/21

Dated: 27-08-2024

To,  
JSW Steel Limited,  
NTH Complex, 4<sup>th</sup> Floor,  
Shaheed Jeet Singh Marg,  
Qutub Institutional Area  
New Delhi – 110067


Subject: Certificate of Performance

Reference: "Supply of TMT CV159, Pune Kirlaskar Project vide PO No CV-159/1004640829 Dated: 18<sup>th</sup> April 2024"

We are pleased to inform you that the steel procured from your manufacturing unit situated at Dolvi, Maharashtra has proved to be excellent in quality. So far we have procured and used approximately 400 MT of your TMT FE 550D bars and will continue to use the same until completion of the project referred above.


We hereby state that the quality of steel provided by you is satisfactory and in compliance to the Government issued specifications. We hope to continue our business with your esteemed organization.

Thanking You  
For KEC International Limited




Authorized Signatory

Regd. Off. :CEAT Mahal, 1st Floor, 463, Dr. Annie Besant Road, Worli, Mumbai 400030, India.  
Tel.: +91-22-6667 0200 • Fax +91-22-66670260 • Web.: www.kecpg.com







KALPATARU PROJECTS INTERNATIONAL LIMITED  
(Formerly Kalpataru Power Transmission Limited)

Ref: KPIL/GPSCM/TMT/General/012

Date: 15<sup>nd</sup> Feb 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s JSW Steel Limited Vijaynagar & Dolvi plant had supplied approx. 12,70 MT of TMT rebar's FE 550D as per IS 1786 for KPIL projects (Formally KPTL) to various locations in last 2 years. PO wise Qty received at various project sites are as below.

Sr no	KPIL Purchase order number	PO date	Grade	PO Receipt Quantity	Business Unit	Project name
1	3000175438	28-03-2022	FE550D	100	B&F	INDIAN INSTITUTE TECH TIRUPATI
2	3000175603	29-03-2022	FE550D	36	B&F	VELLURE INSTITUTE OF TECHNOLOGY,
3	3500004265	11-04-2022	FE550D	32	B&F	GOA SHIPYARD LIMITED 1
4	3500004268	14-04-2022	FE550D	246	Infra	MADURAI CHETTIKULAM 4L FLYOVER
5	3000178424	23-04-2022	FE550D	38	B&F	INDIAN INSTITUTE TECH TIRUPATI
6	3000178428	23-04-2022	FE550D	160	B&F	INDIAN INSTITUTE TECH TIRUPATI
7	3500004394	12-05-2022	FE550D	79	Infra	MADURAI CHETTIKULAM 4L FLYOVER
8	3000180587	14-05-2022	FE550D	39	B&F	INDIAN INSTITUTE TECH TIRUPATI
9	3000182943	03-06-2022	FE550D	60	B&F	INDIAN INSTITUTE TECH TIRUPATI
10	2400111467	10-06-2022	FE550D	65	TLD	WO-00406-Maheswaram-Uddandapur
11	3500004470	10-06-2022	FE550D	193	Infra	MADURAI CHETTIKULAM 4L FLYOVER
12	3000184748	20-06-2022	FE550D	105	B&F	INDIAN INSTITUTE TECH TIRUPATI
13	3000184263	30-06-2022	FE550D	130	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
14	3000186179	30-06-2022	FE550D	203	B&F	INDIAN INSTITUTE TECH TIRUPATI
15	3000186188	30-06-2022	FE550D	40	B&F	INDIAN INSTITUTE TECH TIRUPATI
16	3000186204	30-06-2022	FE550D	215	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
17	3500004580	08-07-2022	FE550D	79	B&F	GOA SHIPYARD LIMITED 1
18	3500004581	08-07-2022	FE550D	174	Infra	MADURAI CHETTIKULAM 4L FLYOVER
19	2400112690	12-07-2022	FE550D	32	TLD	WO-00406-Maheswaram-Uddandapur
20	2400112691	12-07-2022	FE550D	31	TLD	WO-00197 - MSTCL - MahaRastra
21	2400112692	12-07-2022	FE550D	40	TLD	WO-00197 - MSTCL - MahaRastra
22	3000187868	14-07-2022	FE550D	32	B&F	INDIAN INSTITUTE TECH TIRUPATI
24	3000188094	16-07-2022	FE550D	32	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
25	3000189906	31-07-2022	FE550D	111	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
26	2400113778	11-08-2022	FE550D	40	O&G	KA-OG69-FWSS-FLUEGAS WETGAS SC
27	3000191550	13-08-2022	FE550D	121	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
28	2400114063	18-08-2022	FE550D	100	TLD	WO-368-Virudhunagar-Coimbatore
29	3000192922	25-08-2022	FE550D	61	B&F	VELLURE INSTITUTE OF TECHNOLOG
30	3000192924	25-08-2022	FE550D	34	B&F	VELLURE INSTITUTE OF TECHNOLOG
32	2400114866	09-09-2022	FE550D	215	TLD	WO-368-Virudhunagar-Coimbatore
33	2400114948	11-09-2022	FE550D	719	RLYS	WO-RL049-Mukerian-Talwara
34	3000198800	13-10-2022	FE550D	182	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
35	2400116162	14-10-2022	FE550D	430	RLYS	WO-RL049-Mukerian-Talwara

Corporate Office: Kalpataru Synergy, 7th Floor, Opp. Grand Hyatt, Santacruz (E), Mumbai - 400055, India | Tel: 22 3064 2100/ 22 6885 1500

Registered Office: Plot No. 101, Part-III, G.I.D.C. Estate, Sector - 28, Gandhinagar - 382 028, Gujarat, India | Tel: +91 79 2321 4000

Email: info@kalpatarupower.com | Website: www.kalpatarupower.com | CIN: L40100GJ1981PLC004281



KALPATARU PROJECTS INTERNATIONAL LIMITED  
(Formerly Kalpataru Power Transmission Limited)

Ref: KPIL/GPSCM/TMT/General/012

Date: 15<sup>nd</sup> Feb 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s JSW Steel Limited Vijaynagar & Dolvi plant had supplied approx. 12,70 MT of TMT rebar's FE 550D as per IS 1786 for KPIL projects (Formally KPTL) to various locations in last 2 years. PO wise Qty received at various project sites are as below.

Sr no	KPIL Purchase order number	PO date	Grade	PO Receipt Quantity	Business Unit	Project name
36	3000200901	02-11-2022	FE550D	311	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
37	3000202184	12-11-2022	FE550D	68	B&F	INDIAN INSTITUTE TECH TIRUPATI
40	3000206143	15-12-2022	CRS	493	B&F	HANIMAADHOO INTL AIRPORT-IND, Maldives
41	3000206723	20-12-2022	FE550D	141	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
42	3000207778	28-12-2022	FE550D	652	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
43	2400119630	09-01-2023	FE550D	1,028	RLYS	WO-RL049-Mukerian-Talwara
44	2400119631	09-01-2023	FE550D	39	RLYS	WO-RL45T-MANMAD-DHONE
45	2400119632	09-01-2023	FE550D	31	RLYS	WO-RL030-TN-Maduri - Satur
46	2400119633	09-01-2023	FE550D	32	RLYS	WO-RL045M-MANMAD-DHONE
47	2400119686	10-01-2023	FE550D	40	O&G	MH-OG67-MNPL-Mumbai-Nagpur
48	2400119924	16-01-2023	FE550D	80	TLD	WO-00197 - MSTCL - MahaRastra
49	3000210324	18-01-2023	FE550D	829	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
50	3000211896	31-01-2023	FE550D	217	B&F	VELLURE INSTITUTE OF TECHNOLOG
51	3000214765	22-02-2023	FE550D	81	B&F	EXIDE ENERGY SOLUTIONS LTD, Bangalore
52	2400121592	27-02-2023	FE550D	67	O&G	KA-OG69-FWSS-FLUEGAS WETGAS SC
53	3000216233	06-03-2023	FE550D	32	B&F	INDIAN INSTITUTE TECH TIRUPATI
54	2400122124	12-03-2023	FE550D	582	RLYS	WO-RL049-Mukerian-Talwara
55	3500005553	24-03-2023	FE550D	240	Water	NARMDA JHABUA IRRIGATION TURNK
56	2400125593	13-04-2023	FE550D	533	RLYS	WO-RL049-Mukerian-Talwara
57	2400126814	14-04-2023	FE550D	39	O&G	KA-OG69-FWSS-FLUEGAS WETGAS SC
58	2400141435	12-05-2023	FE550D	235	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
59	2400151298	14-06-2023	FE550D	200	RLYS	WO-RL024-Satara-Kolhapur
60	2400153646	22-06-2023	FE550D	159	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
61	2400160812	20-07-2023	FE550D	386	B&F	DLF HOME DEVELOPERS LTD-DLFT, CHENNAI
62	2400166044	11-08-2023	FE550D	33	O&G	KA-OG69-FWSS-FLUEGAS WETGAS SC
63	2400172218	08-09-2023	FE550D	134	B&F	Godrej Horizon-GHRP, Mumbai
64	2400172246	08-09-2023	FE550D	628	B&F	Veritas Data Center Devel-VDCA, Mumbai
65	2400179697	12-10-2023	FE550D	358	B&F	Veritas Data Center Devel-VDCA, Mumbai
66	2400179777	13-10-2023	FE550D	33	O&G	KA-OG69-FWSS-FLUEGAS WETGAS SC
67	2400186152	10-11-2023	FE550D	272	B&F	Veritas Data Center Devel-VDCA, Mumbai
68	2400192914	14-12-2023	FE550D	103	B&F	Veritas Data Center Devel-VDCA, Mumbai
69	2400199375	12-01-2024	FE550D	80	RLYS	WO-RL049-Mukerian-Talwara
70	2400199713	15-01-2024	FE550D	158	Water	AMRITSAR WATER SUPPLY-AWSP
71	2400200216	17-01-2024	FE550D	240	B&F	Veritas Data Center Devel-VDCA, Mumbai
			<b>TOTAL</b>	<b>12,727</b>		

Corporate Office: Kalpataru Synergy, 7th Floor, Opp. Grand Hyatt, Santacruz (E), Mumbai - 400055, India | Tel: 22 3064 2100/ 22 6885 1500

Registered Office: Plot No. 101, Part-III, G.I.D.C. Estate, Sector - 28, Gandhinagar - 382 028, Gujarat, India | Tel: +91 79 2321 4000

Email: info@kalpatarupower.com | Website: www.kalpatarupower.com | CIN: L40100GJ1981PLC004281





LNT/CN/2025-26/03

Dt: 16-09-2025

To ,  
JSW Steel Ltd,  
Thapar House, New Delhi

Sub: Appreciation letter for Suppliers to our Various Projects.

With reference to suppliers of Reinforcement steel against our orders for various projects, who have found the quality of your TMT consistent and as per applicable standards, in addition to this, the timely delivery from you has helped us to keep -up our schedule.  
Some of the projects where we have taken supplies from you are mentioned below;

Sl. No.	Project Name
1.	Brigade Icon Project, Mount Road, Chennai
2.	MRF Test Track Project
3.	CMRL Phase II corridor 3 & 5-Nadhumuni
4.	MPRRP-3
5.	CMRL Phase II C3
6.	SN School project
7.	CMRL TU02
8.	Innovation Campus Ph. 2 Tower 4 (SEZ)
9.	Technology Centre 4 Project
10.	KKNPP Main Plant Civil 5&6
11.	Motherson Kanchipuram
12.	AIIMS Madurai
13.	Prashant Hospital-NEW
14.	Prestige Pallavaram
15.	Avinya Enclave

We hereby appreciate your efforts and look forward to continue our business relationship.

Thanking you,  
For L&T Construction,

  
SELVAKUMAR M,  
DGM- Procurement



Larsen & Toubro Limited, Construction  
Head Office : Mount Poonamallee Road, Manapakkam, PB No. 979, Chennai – 600 089, INDIA  
Tel: +91-44-2252 6000, 22597000 Fax: +91-44-2249 3317 [www.lntce.com](http://www.lntce.com)  
Mang  
Regional Office : 19, 1<sup>st</sup> & 2<sup>nd</sup> Floor, Kumarakrupa Road, Bangalore – 560 001 INDIA  
Tel. : +91-80-4010 0000 Fax : +91-80-22256127  
INDIA

Registered Office  
L&T House, N.M.

Ballard Estate  
Mumbai – 400 001.









## (CIN - U99999 MH 1970 SGC - 014574)

Date: 04.02.2025

To

**M/s JSW Steel Ltd.**

Regd. Office

JSW Centre, Bandra Kurla complex,

Bandra (E ), Mumbai-400051

*Factory Unit*

Geetapuram, Village- Dolvi,

Taluka- Pen, Dist.-Raigad

Maharashtra - 402107

Contact Person: Shri. Girish Prakash Joshi

Contact no.- 7977480292

E-Mail Id – qirish.joshi1@jsw.in

Sub: **Registration as an Approved Vendor**

Ref: Your application vide file no P-2623 received on 28.06.2024

Dear Sir,

With reference to your request /application on subject matter, we are pleased to inform you that, your registration as an approved vendor for our projects / works for the following products is approved herewith for a period of **Two (02) years** from date of issue of this certificate i.e. **04.02.2025 to 03.02.2027**.

Sr. No.	Material Description	Material Name / Brand / Size/ Range
1	TMT Steel Rebars	Brand Name- "JSW" Fe-500D, Fe-550D, CRS Dia-8mm, 10mm,12mm,16mm,20mm,25mm, & 32mm As per IS 1786:2008
2	Structural Steel	Structural Steel Brand Name- "JSW" Angles, Channels, RSJ Poles, Beams, Flats, rounds etc as per IS 2062:2011



Executive Engineer (PA & REG.)  
CIDCO Ltd. Page 1

**Regd. Office:** Nirmal, 2nd Floor, Nariman Point, Mumbai - 400 021 • Tel.: 022 6650 0900  
**Head Office:** CIDCO Bhavan, CBD Belapur, Navi Mumbai - 400 614 • Tel.: 022 6791 8100

Website: [www.cidco.maharashtra.gov.in](http://www.cidco.maharashtra.gov.in)

Kindly note that,

- a) The validity of this enlistment is valid for **Two (02) Years** i.e. from **04.02.2020 to 03.02.2027**. However, the Corporation reserves the right to cancel the same in case complaints are received from users within that period.
- b) The product shall be in conformity with requirements of BIS/ISO Standards. You shall keep your BIS/ISO registration valid and any changes in the same shall be intimated to this office.
- c) The approval has been granted on the basis of documents/information furnished by **M/s JSW Steel Ltd** The approval would be cancelled if any details are found in variance to the details already furnished during the inspection of manufacturing unit. Further CIDCO Ltd. reserves the right to visit the manufacturing unit at any time.
- d) It is a responsibility of user to ascertain quality and safety associated with product before acceptance, capacity of vendor for supply schedule, to carry out all tests as per relevant IS codes, past & present supply performance of various contractors in Mumbai & Navi Mumbai. Further inclusion in the approved list does not absolve the users from acceptance of bad quality of product.
- e) The registration shall not bind CIDCO Ltd. to give you any priority or preference in the issue of enquiry and placement of purchase orders and does not guarantee that all or any of the enquiries for the above items would necessarily be sent to you.
- f) You are also required to intimate us the changes, if any, in the postal address, the contact Phone Number, Fax Nos. in the constitutions or working of your firm during the currency of registration of your firm with us.
- g) You are required to apply 60 days in advance for revalidation before expiry of current validity of enlistment along with all documents and information as required.
- h) During the period of enlistment, if, your company **M/s JSW Steel Ltd** improves your product value by acquiring additional quality accreditation and/or achieves better financial performance then such changes shall be invariably informed to the Corporation.
- i) You shall share the copies of invoice with prices of the orders placed for works of CIDCO Ltd., if required.
- j) If a contractor working for CIDCO Ltd. works place purchase order for the material, the same will have to be supplied on priority, adhering time schedule required by CIDCO, failing which CIDCO Ltd. may cancel the registration of product which may please be noted.

Thanking you,

Yours faithfully,


(V. Y. Ingle)

Executive Engineer (PA & Reg.),  
CIDCO Ltd, 3<sup>rd</sup> Floor, CIDCO Bhavan,  
CBD Belapur, Navi Mumbai -400 614  
Contact No.: 022 - 6791 830  
E-mail : ee.pa-reg@cidcoindia.com

Page 2 of 2







पावरग्रिड  
POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Ref.: CC/FQA/2025/JSW/01

Date: 22.01.2025

JSW Steel Limited,  
NTH Complex, 4th Floor,  
A-2, Shaheed Jeet Singh Marg,  
Qutab Institutional Area, New Delhi – 110067,

Kind Attention- Mr. Alok Seth, Sr. Manager – Business Development, JSW Steel Limited  
e-mail: alok.seth@jsw.in ; Mob.: +91 9971206159

Subject: Approval to JSW Steel Limited, Dolvi, Raigad, Maharashtra to supply Reinforcement Steel/TMT bars from their plant of Grade Fe500, Fe500D, Fe550, Fe550D, Fe500D CRS & Fe550D CRS for size 8mm to 40mm as per IS 1786 (latest revision)

Sir,

We write in reference to your letter dated 21.10.2024 on the subject matter. Based on the documents submitted and plant visit, we hereby convey approval of JSW Steel Limited, Dolvi, Raigad, Maharashtra to supply TMT Bars (including Cut & Bend Reinforcement Steel) from your plant of Grade Fe500, Fe500D, Fe550, Fe550D, Fe500D CRS & Fe550D CRS for size 8mm to 40mm as per IS:1786 (latest revision) valid from today i.e. 22.01.2025 for two years i.e. upto 21.01.2027 with subject to validity of BIS license.

For supply of TMT bars to POWERGRID, you shall ensure the details as tabulated below:

<b>Regd. Office :</b> JSW Steel Limited, JSW Centre, Bandra Kurla Complex, Bandra (East) Mumbai – 400051 (Maharashtra)	<b>Work Address :</b> JSW Steel Limited, Geetapuram, Dolvi, Pen, Raigad – 402107 (Maharashtra)
<b>Trademark/Embossing</b> <b>BIS Licence No.</b>	JSW NEOSTEEL 7700043212

Further approval shall be considered based upon performance, quality and supplies made during this approval period. Request for renewal of above approval should come at least one month before expiry of this approval. Manufacturer shall be fully responsible for satisfactory performance of approved products. The items supplied shall meet the requirements of POWERGRID specifications and relevant IS standards. If, at any point of time, any abnormality is noticed in this regard, we reserve the right to increase our involvement by way of additional inspection at any stage or withdraw this approval with immediate effect.

In case, no POWERGRID order is executed for more than two years, further extension shall be accorded/considered only after process audit of your works.

With Regards,


एम अशोक कुमार  
22/01/2025  
(M. Ashok Kumar)  
CGM (FQA), CC

केन्द्रीय कार्यालय: "सौदामिनी", प्लॉट नंबर 2, सेक्टर - 29, गुनग्राम - 122001, (हरियाणा) दूरभाष: 0124-2571700-719  
Corporate Office: "Saudamini", Plot No. 2, Sector-29, Gungram-122001, (Haryana) Tel: 0124-2571700-719

पंजीकृत कार्यालय: बी - 9, कुतुब इस्तीखानत एरिया, कटरवारा सारा, नई दिल्ली - 110 016. दूरभाष: 011-26560112, 26560121, 26564812, 26564892, CIN: 140101DL1989G0038121  
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016. Tel: 011-26560112, 26560121, 26564812, 26564892, CIN : 140101DL1989G0038121  
Website: www.powergridindia.com

NALCO Approval

नालको



NALCO

Date: 25.08.2025

To Whomsoever It May Concern

This is to certify that JSW Steel Ltd. is an authorised supplier of NALCO (National Aluminium Company Limited) for the supply of JSW Neosteel TMT rebars.

JSW Neosteel TMT rebars are approved for procurement by NALCO, and JSW Steel Ltd. along with its authorised channel partners are hereby permitted to participate in supply and related business transactions with NALCO as per applicable norms.

This certificate is issued upon the request of JSW Steel Ltd. on 25.08.2025 for their official use.

For National Aluminium Company Limited (NALCO),

Tapan Kumar Samantaray

General Manger( Materials)

Corporate Office

जनरल मैनेजर (मटेरियल) / Gen. Manager (Materials)  
कामगरी विभाग Materials Department  
नेशनल एल्यूमिनियम कम्पनी लिमिटेड  
National Aluminium Company Ltd.  
भुवनेश्वर/ Bhubaneswar-751013

नेशनल एल्यूमिनियम कम्पनी लिमिटेड

(भारत सरकार का उद्यम)

निगम कार्यालय

नालको भवन, नयापल्ली, भुवनेश्वर-751 013, भारत

फोन Phone : (EPABX) (0674) 2301988 to 2301999

National Aluminium Company Limited

(A Government of India Enterprise)

CORPORATE OFFICE

NALCO BHAVAN, Nayapalli, Bhubaneswar - 751 013, INDIA

फैक्स Fax : (0674) 2301290, 2300580, 2300740 & 2300840

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# Indian Register of Shipping

Certificate No.: 2023WAQC028

## WORKS APPROVAL CERTIFICATE

*This is to certify that based on the existing manufacturing facilities and satisfactory assessment of manufacturing and quality control procedures by our Surveyors, the name of*

**JSW STEEL LTD,**

**Vijayanagar Works, Vidyanagar Post, Toranagallu, Bellary Dist - 583275, Karnataka, India**

*is included in the list of approved works in accordance with the relevant requirements of rule(s)/standard(s)/code described below.*

<b>WORKS TYPE</b>	<b>: STEELMAKING</b>
<b>PRODUCT TYPE</b>	<b>: Shipbuilding Grade Steel Slabs and Hot Rolled Coils/Plates</b> (For details, See Annex - I)
<b>APPLICABLE RULE(S)/STANDARD(S)/CODE:</b>	<b>IRS Rules and Regulations for the Construction and Classification of Steel Ships</b>
<b>SCHEDULE OF APPROVAL</b>	<b>: SEE ANNEXURE I</b>

This Certificate Is Valid until: **14/09/2028**

**PLACE OF ISSUE: MUMBAI**

**DATE OF ISSUE: 15/09/2023**

**LOCAL SURVEY OFFICE: GOA**

**FOR, INDIAN REGISTER OF SHIPPING**

*For Indian Register of Shipping  
Digitally Signed By: Premjit Panigrahi  
Location: Mumbai  
Signing Date: 15-09-2023(dd/mm/yyyy)*

**Sr. Principal Surveyor**

This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-

Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expense thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.


**Form No.: IRS\_WAC\_QC (Rev.2)**

**Page 1 of 3**

**TID: IRS/2023/WAC028/21461**

ANNEXURE - I					
SCHEDULE OF APPROVAL					
<b>PRODUCT DESCRIPTION/DETAILS:</b>					
Manufacture of Shipbuilding Grade Hot Rolled Steel Coils/Plates					
Steel Making Process: Basic Oxygen Furnace - (BOF/LRF/VD/Concast)					
Deoxidation Practice: Al-Si Killed					
Casting Method: Continuous Casting (CC)					
Product Type: Slabs (Semi finished product for further processing in Rolling Mill) & Hot Rolled Coils/Plates					
Thickness of Slabs: 300mm					
<b>Details of Approval of Hot Rolled Coils and Plates cut to length from Coils</b>					
Sr. No.	IRS Grades	Maximum Thickness (mm)	Maximum Width (mm)	Delivery Condition	Fine Grain Treatment
1	AH32*, AH36*, DH32*, DH36*, EH32* and EH36 (High Strength Steel)	20	2000	TM+Acc (Thermo-Mechanical Rolling + Accelerated Cooling)	Al+Nb+V+Ti
2	A*, B*, D* and E (Normal Strength Steel)	20	2000	TM+Acc (Thermo-Mechanical Rolling + Accelerated Cooling)	Al+V+Ti
The approval of asterik (*) grade steel is based on qualification test data submitted for higher grade steel in same strength level.					
<b>REMARKS:</b>					
<b>RESTRICTIONS:</b>					
<b>DOCUMENTATION:</b>					
Production and Quality Control documents					
<b>TEST REPORTS:</b>					
Enclosures to Report no.MGO23W002					
<b>CONDITIONS OF APPROVAL:</b>					
This approval is subject to:					
1	Annual audit being carried out by the surveyors of Indian Register of Shipping and Annexure II of the certificate being duly endorsed.				
2	Any alteration being made to manufacturing facilities and procedures would require re-assessment of the works for continued approval.				
3	Approval of works under this scheme does not eliminate normal inspection and testing.				
4	Testing being carried out at approved test laboratories to surveyor's satisfaction when supplying steel slabs & coils/plates to clients under IRS inspection.				
5	The steel plates being intended for welding with heat input in the range of 15 to 50 kJ/cm.				

Form No.: IRS\_WAC\_QC (Rev.2)



TID: IRS/2023/2023WACQ028/21461

Page 2 of 3



2023WAQC028

ANNEXURE – II

Periodical Surveillance Audit Due On :

<14 September, 2024 >  
<14 September, 2025 >  
<14 September, 2026 >  
<14 September, 2027 >

The validity of this certificate is renewed on satisfactory completion of periodical surveillance audit in accordance with above schedule

Signature

Surveyor's Name

Output

Date

IRS Stamp

Signature

Surveyor's Name

Output

Date

IRS Stamp

Signature

Surveyor's Name

Output

Date

IRS Stamp

Signature

Surveyor's Name

Output

Date

IRS Stamp

Form No.: IRS\_WAC\_QC (Rev.2)

TID: IRS/2023/2023WAQC028/21461

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THDC India Limited Approval

THDC INDIA LIMITED

( A Joint venture of Govt. of India & Govt. of U.P.)

VISHNU GAD PIPALKOTI HYDRO ELECTRIC PROJECT

PIPALKOTI, CHAMOLI (Uttarakhand)

(QUALITY CONTROL DEPARTMENT)

पत्रांक- टी.एच.डी.सी.आई.एल./वी.पी.एच.ई.पी./क्यू.सी./एफ-19/122

दिनांक: 21.08.2024

To,

परियोजना प्रबंधक

मैसर्स एच.सी.सी. ,

वी.पी.एच.ई.पी.

SUBJECT: "EPC contract for civil works and hydro-mechanical Equipment works including penstock liners"- Contract Agreement No. THDC/RKSH/CD-260/AG/17.01.2014- Reg. Vendor Approval of M/s JSW Steel Limited for supply of TMT Steel bars to VPHEP.

Dear Sir,

This has reference to M/s HCC letter no. HCC/VPHEP/THDC/CON/8152 dated 13.08.2024 vide which credentials of M/s JSW Steel Limited were submitted for approval as a vender of M/s HCC for the supply of TMT Steel bars to VPHEP.

The details of vendor approval is as under :

S. No.	Name Of Vendor	Description of items
1	M/s JSW Steel Limited	TMT Steel bars

It is pertinent to mention that the SAIL, Rashtriya Ispat Nigam Ltd (RINL) and TISCO, the preferred make as per Contract Agreement shall be the first priority for project work. In case of non-availability of preferred make, JSW Steel may be considered in interest of project works.

The approval is subject to the following:

1. The material to be used shall confirm to the requirements of technical specifications as mentioned in the Section VI-B of the contract agreement.

2. M/s HCC shall comply with the provisions of section VI-D of the contract agreement and the approved Quality Assurance Plan.

3. Material shall be tested before use at Site.

4. In case of aforesaid materials do not confirm to the provisions as stated at serial number 1, 2 and 3 above, THDCIL shall review its approval.

This is issued with the approval of Competent Authority.

प्रतिलिपि-

1. मुख्य महाप्रबंधक ( परियोजना ), टी.एच.डी.सी.आई.एल. , वी.पी.एच.ई.पी सूचनार्थ हेतु प्रेषित।

2. अपरमहाप्रबंधक - इंचार्ज ( टी०बी०एम० ), टी.एच.डी.सी.आई.एल.,वी.पी.एच.ई.पी।

3. अपरमहाप्रबंधक - इंचार्ज ( पावर हाउस एवं टी ०आर०टी० ), टी.एच.डी.सी.आई.एल.,वी.पी.एच.ई.पी।

4. अपरमहाप्रबंधक - इंचार्ज - ( बांध ), टी.एच.डी.सी.आई.एल.,वी.पी.एच.ई.पी।


5. उपमहाप्रबंधक ( सी.ओ. ), टी.एच.डी.सी.आई.एल. ,वी.पी.एच.ई.पी।


6. उपमहाप्रबंधक ( गुणवत्ता नियंत्रण- बांध ) टी.एच.डी.सी.आई.एल. ,वी.पी.एच.ई.पी।

OFFICE –Alaknandapuram, Siyasain, Pipalkoti,(Chamoli),Uttarakhand.

Phone. 0.1372-256217 Fax. 01372-256217

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आज़ादी का  
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

*[Signature]*

Ref. No.-AAI/CHQ-MIS & STD/Engg(C)/EOI/2023/ 2।

Dated:14.09.2023

सेवा में,

To,

जेएसस्टील स्टील लिमिटेड,  
जेएसस्टील केंद्र, बंदरा कुर्ला कॉम्प्लेक्स,  
बंदरा पूर्व, मुंबई-400051  
ईमेल - amol.bhandekar@jsw.in

JSW STEEL LIMITED,  
JSW centre, Bandra Kurla complex,  
Bandra East, Mumbai-400051  
Email- amol.bhandekar@jsw.in

विषय: भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) की अधिमानित सूची में मदों / उत्पादों को सिविल कार्यों के लिए सूचीबद्ध किया जाना।

Subject: Enlistment of Items / Products in Preferred List of make for civil works in Airports Authority of India(AAI).

संदर्भ-रूपि की अभिव्यक्ति (ईओआई) दिनांक 19.05.2022 एवं भाविप्रा अधिमानित सूची 2020  
Ref.-Expression of Interest(EOI) dated 19.05.2022 & AAI Preferred list of makes 2020

प्रिय महोदय/महोदया,  
Dear Sir/Madam,

हम आपको यह सूचित करते हुए सूचित हो रहा है की आपके आवेदन के आधार पर आपके द्वारा प्रस्तुत दस्तावेजों / जानकारी और बाद में मूल्यांकन के आधार पर , नीचे उल्लेखित मदों / उत्पादों को सिविल के लिए भाविप्रा की अधिमानित सूची में सूचीबद्ध किया गया है।

We are pleased to inform you that on the basis of your application alongwith documents / informations furnished by you and subsequent evaluation, Item(s) / Product(s) as mentioned below is / are enlisted in Preferred List of make for Civil works in AAI:

S.No.	Description of Item(s) / Product(s)	Make/Brand(Name of Manufacturer)
1	TMT REINFORCEMENT STEEL	JSW Steel Ltd.
2	STRUCTURAL STEEL-MS TUBULAR SECTIONS (CIRCULAR,SQUARE,RECTANGULAR) FOR COLUMNS ,TRUSS,MS PIPES, FLATS,ANGLES,BEAMS, CHANNELS, STRIPS ETC.	JSW Steel Ltd.

2. कृपया ध्यान दें यह प्रवेशित आपके मद / उत्पाद के लिए किसी भी कार्य / आपूर्ति आदेश की प्रत्याभूति(गारंटी) नहीं देती है।  
Please note that, this enlistment does not guarantee any award of work / Supply for your Item(s) / Product(s).


3. निर्माता/मूल उपकरण निर्माता के मदों / उत्पादों की सूची परीक्षण के आधार पर दो साल की अवधि के लिए मान्य होगी और इसे फ़िल्ड स्टेशन / विमानपत्तन से प्रतिक्रिया एवम संतोषजनक प्रदर्शन और फीडबैक के आधार पर आगे की अवधि एक वर्ष तक विस्तारित होगी।


राजीव गांधी भवन  
Rajiv Gandhi Bhawan

सफदरजंग हवाई अड्डा नई दिल्ली-110003  
Safdurjung Airport, New Delhi-110003

दूरभाष : 011-24632950  
Phone : 011-24632950

*[Signature]*





आज़ादी का  
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

The enlistment of item(s) / Product(s) of manufacturer shall be valid for a period of two years on trial basis and the same shall be extendable for further period of one year, subject to satisfactory performance and feedback from the field stations / Airports.

4. आपको इस पत्र के जारी होने के एक माह की अवधि के भीतर एवं इसके बाद हर साल मूल्य सूची, कैटलॉग इंजीनियरिंग स्कैंप(सिविल), निगमित मुख्यालय-एमआईएस और मानकीकरण को ईमेल द्वारा preferredmake-civil@aai.aero पर भेजे। ऐसा न करने पर भाविप्रा को आपकी प्रविष्टि रद्द करने का अधिकार है।  
You have to submit Price list, Catalogue/Brochure within one month period of issue of this letter to Airports Authority of India, Civil Engg. Wing, CHQ-MIS & Standardization Division by email only at preferredmake-civil@aai.aero, followed by subsequent submission of the same every year, failing which AAI reserves the right to cancel the enlistment of the product(s) / Item(s).

5. भाविप्रा उत्पाद की गुणवत्ता के आवाहन के लिए कार्यस्थल / कारखाने / विनिर्माण इकाई का निरीक्षण करने का अधिकार सुरक्षित रखता है। निर्माता / मूल उपकरण निर्माता भाविप्रा द्वारा आवश्यकता पड़ने पर उत्पाद के निरीक्षण की व्यवस्था करेगा।  
AAI reserves the right to inspect the work place / factory / manufacturing unit for assurance of product quality. Manufacturer/OEM shall arrange inspection of the product as and when required by the AAI.

6. यह ध्यान दिया जाना चाहिए कि उत्पाद रेंज, ब्रांड नाम, कार्य का स्थान / संगठन की संरचना / पता / फोन/ ईमेल आदि में कोई भी परिवर्तन प्रसंगिक दस्तावेजों के साथ डेटाबेस के आवश्यक अद्यतन हेतु तत्काल इस कार्यालय को ईमेल:- preferredmake-civil@aai.aero पर सूचित किया जाएगा।  
It may be noted that any change in product range, brand name, location of work / organization structure / address / phone / email, etc. shall be intimated to this office at email id:-preferredmake-civil@aai.aero immediately along with relevant documents for necessary updation of database.

7. भाविप्रा के पास बिना कोई कारण बताए नामांकन रद्द करने का एकमात्र और पूर्ण अधिकार सुरक्षित है।  
AAI reserves the sole and absolute right to cancel the enlistment without assigning any reason thereof.

8. कृपया इस पत्र की प्राप्ति के तुरंत बाद ई-मेल द्वारा सूचित करें।  
Please acknowledge this letter by return mail.

धन्यवाद  
Thanking You,

भवदीय/ With Regards,


राजीव कुमार भवानी/ Rajiv Kumar Bhawan,  
उप महाप्रबंधक (अभि-सिविल) / DGM(Engg.-C),  
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India,  
निगमित मुख्यालय-एमआईएस और मानकीकरण /CHQ-MIS & Standardization,  
राजीव गांधी भवन/Rajiv Gandhi Bhawan,  
नई दिल्ली/New Delhi-110 003

राजीव गांधी भवन  
Rajiv Gandhi Bhawan

सफदरजंग हवाई अड्डा नई दिल्ली-110003  
Safdurjung Airport, New Delhi-110003

दूरभाष : 011-24632950  
Phone : 011-24632950





पावर ग्रिड

POWERGRID

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Ref.: CC/FQA/2025/JSW/01

Date: 22.01.2025

JSW Steel Limited,  
NTH Complex, 4th Floor,  
A-2, Shaheed Jeet Singh Marg,  
Qutab Institutional Area, New Delhi – 110067,

Kind Attention- Mr. Alok Seth, Sr. Manager – Business Development, JSW Steel Limited  
e-mail: alok.seth@jsw.in ; Mob.: +91 9971206159

Subject: Approval to JSW Steel Limited, Dolvi, Raigad, Maharashtra to supply Reinforcement Steel/TMT bars from their plant of Grade Fe500, Fe500D, Fe550, Fe550D, Fe500D CRS & Fe550D CRS for size 8mm to 40mm as per IS 1786 (latest revision)

Sir,

We write in reference to your letter dated 21.10.2024 on the subject matter. Based on the documents submitted and plant visit, we hereby convey approval of JSW Steel Limited, Dolvi, Raigad, Maharashtra to supply TMT Bars (including Cut & Bend Reinforcement Steel) from your plant of Grade Fe500, Fe500D, Fe550, Fe550D, Fe500D CRS & Fe550D CRS for size 8mm to 40mm as per IS:1786 (latest revision) valid from today i.e. 22.01.2025 for two years i.e. upto 21.01.2027 with subject to validity of BIS license.

For supply of TMT bars to POWERGRID, you shall ensure the details as tabulated below:

<b>Regd. Office :</b> JSW Steel Limited, JSW Centre, Bandra Kurla Complex, Bandra (East) Mumbai – 400051 (Maharashtra)	<b>Work Address :</b> JSW Steel Limited, Geetapuram, Dolvi, Pen, Raigad – 402107 (Maharashtra)
<b>Trademark/Embossing</b>	JSW NEOSTEEL
<b>BIS Licence No.</b>	7700043212

Further approval shall be considered based upon performance, quality and supplies made during this approval period. Request for renewal of above approval should come at least one month before expiry of this approval. Manufacturer shall be fully responsible for satisfactory performance of approved products. The items supplied shall meet the requirements of POWERGRID specifications and relevant IS standards. If, at any point of time, any abnormality is noticed in this regard, we reserve the right to increase our involvement by way of additional inspection at any stage or withdraw this approval with immediate effect.

In case, no POWERGRID order is executed for more than two years, further extension shall be accorded/considered only after process audit of your works.

With Regards,

एम.अशोक कुमार

22/01/2025

(M. Ashok Kumar)

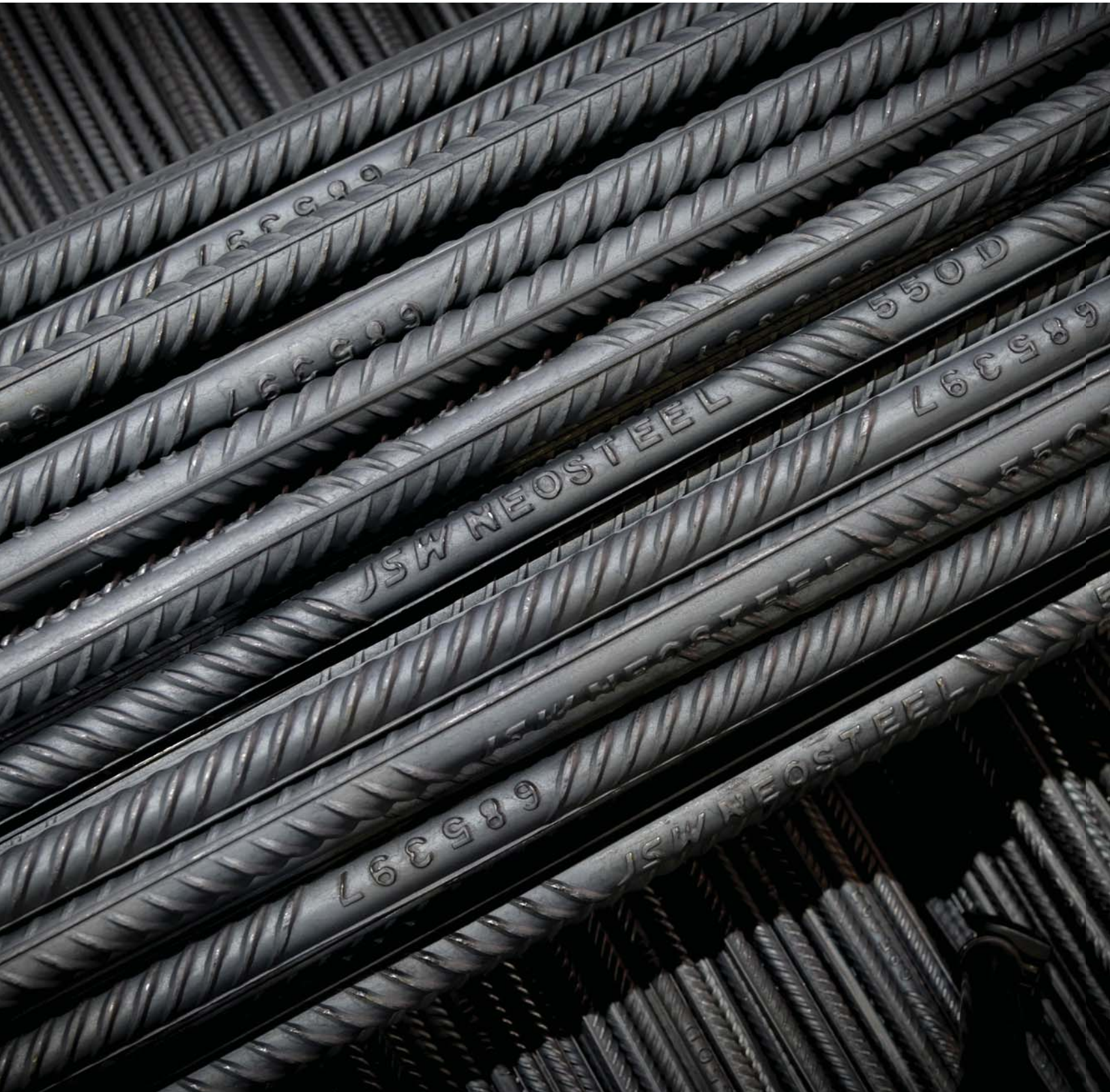
CGM (FQA), CC

केन्द्रीय कार्यालय: "सौदामिन", प्लॉट नंबर 2, सेक्टर - 29, गुनग्राम - 122001, (हरियाणा) दूरभाष: 0124-2571700-719  
Corporate Office: "Saudamin", Plot No. 2, Sector-29, Gungram-122001, (Haryana) Tel: 0124-2571700-719

पंजीकृत कार्यालय: बी - 9, कुतुब इन्स्टीटयुशनल एरिया, कटरवारा सारai, नई दिल्ली - 110 016. दूरभाष: 011-26560112, 26560121, 26564812, 26564892, CIN: 140101DL19896C0038121  
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016. Tel: 011-26560112, 26560121, 26564812, 26564892, CIN : 140101DL19896C0038121

Website: www.powergridindia.com

List of Enlisted Vendors				
Reinforcement (conformingto BIS: 432 - 1982 or latest) [P0018]				
VENDOR NAME	BRAND	CONTACT NO	EMAIL	REGISTRATION NO
SHREE RAMDOOT ROLLERS PVT LTD	SD LION TMT	9851941592	connect@liontmt.com	REG/2023/84
CAPTAIN STEEL INDIA LTD	CAPTAIN	9007188699	rganesh@captainsteel.com	REG/2023/86
Maithan Steel & Power Limited	MAITHAN TMT BAR	7003610731	sushmita@maithansteel.com	REG/2023/101
INCREDIBLE INDUSTRIES LIMITED	ADHUNIK TMT	8584068841	ahmedsaif@adhunikgroup.co.in	REG/2023/63
GAGAN FERROTECH LTD	GAGAN	8373055370	anupam.gagan@gmail.com	REG/2023/298
Rungta Mines Limited	RUNGTA STEEL	9381733667	rabindra.mukherjee@runtasteel.com	REG/2024/54
Super Smelters Ltd	Super Shakti	7603055418	abinash.pathak@supershakti.in	REG/2024/43
Maan steel & Power Limited	MAAN SHAKTI	6292284001	sales@maantmt.com	REG/2024/143
JSW STEEL	Neosteel	7439698211	tathagata.gupta@jsw.in	REG/2024/50
SBEG Consultants Private Limited	Satya Steel	8420895917	asif_sales@shreesatyagroup.com	REG/2024/111
SRMB Srijan Private Limited	SRMB 500+SR	9230066019	partha.das@srmsteel.com	REG/2024/144
SHAKAMBHARI ISPAT AND POWER LIMITED	ELEGANT , THERMOCON	7003468714	marketing@shakamtharigroup.in	REG/2024/39
H P ISPAT PVT TD	BIRLA TMT RODS	9230501006	kandoi.sons001@gmail.com	REG/2023/35
Shyam Steel Industries Limited	SHYAM	9903944048	pranabc@shyamsteel.com	REG/2024/401
Rashmi Metaliks	RASHMI	9727767604	anup.singh@rashmigroup.co.in	REG/2024/353
Nilachal Iron & Power Ltd	Govinda TMT	9147132322	nirmala.sk@nilachal.co.in	REG/2024/138
SHYAM SEL AND POWER LIMITED	SEL TIGER	8902498845	sales@shyamgroup.com	REG/2024/347
AMIT METALIKS LIMITED	TRIAM A+	6292259437	info@triamtmt.com	REG/2025/21
Jai Balaji Industries Limited (TMT)	BALAJI SHAKTI & JBG HEXA	7605004996	sujoy@jaibalajigroup.com	REG/2025/101
Giridhan Metal Private Limited	Awadh	8910314015	marketing@gridhanmetal.com	REG/2025/39
ISPAT DAMODAR PRIVATE LIMITED	RAJKON TMT	8649813859	connect@rajkon.com	REG/2025/70



JSW Steel Approvals

Name of Nodal Agency	Product	JSW Plant
CPWD Customs	TMT Rebar	Dolvi
NMRD	TMT Fe 550 D	Dolvi
KRCL	TMT Fe 550 D	All Plants
BMC Coastal Road	TMT	Dolvi
Rishikesh - RVNL Karanprayag Line	TMT & HR	All Plants
Pune Municipality	TMT	Dolvi
Central Public Works Department (CPWD)	TMT	JSW Steel
Delhi Metro Rail Corporation (DMRC)	TMT	JSW Steel
Rail Vikas Nigam Limited (RVNL)	TMT	JSW Steel
National Highway Authority of India (NHAI)	TMT	JSW Steel
NBCC (India) Limited	TMT	JSW Steel
Bhabha Atomic Research Centre (BARC)	TMT	JSW Steel
Bridge and Roof Company (India) Limited	TMT	JSW Steel
Defence Research and Development Organization (DRDO)	TMT	JSW Steel
Delhi Development Authority (DDA)	TMT	JSW Steel
The Fertilisers and Chemicals Travancore Ltd. (FACT)	TMT	JSW Steel
Rashtriya Chemicals and Fertilisers Ltd.	TMT	JSW Steel
Numaligarh Refinery Limited	TMT	JSW Steel
Central Warehousing Corporation (CWC)	TMT	JSW Steel
Bharat Heavy Electricals Limited (BHEL)	TMT	JSW Steel
National Thermal Power Corporation (NTPC)	TMT	JSW Steel
Rashtriya Raksha University (RRU)	TMT	JSW Steel
Nalanda University	TMT	JSW Steel
Goa State Infrastructure Development Corporation (GSIDC)	TMT	JSW Steel
Tamilnadu Industrial Development Corporation (TIDCO)	TMT	JSW Steel



ROADS



Yamuna Expressway



Nashik Elevated Corridor Project

AIRPORTS



T2, CSIA, Mumbai Airport



Bengaluru International Airport



T3, Delhi International Airport



METROS & MONORAILS



Mumbai Monorail



Mumbai Metro



Bengaluru Metro



Chennai Metro

STRUCTURES



Mumbai ATC Tower



Lodha World Towers, Mumbai



Wankhede Stadium



PLANTS & INSTITUTIONS



Chandrapur Power Plant



Kakrapar Atomic Power Station Project, Gujarat

PLANTS & INSITITUTIONS



Kakinada Power Plant



Kalapakkam Atomic Power Station



Madras Institute of Orthopaedics and Traumatology (MIOT)



Mangalore Petro Refinery

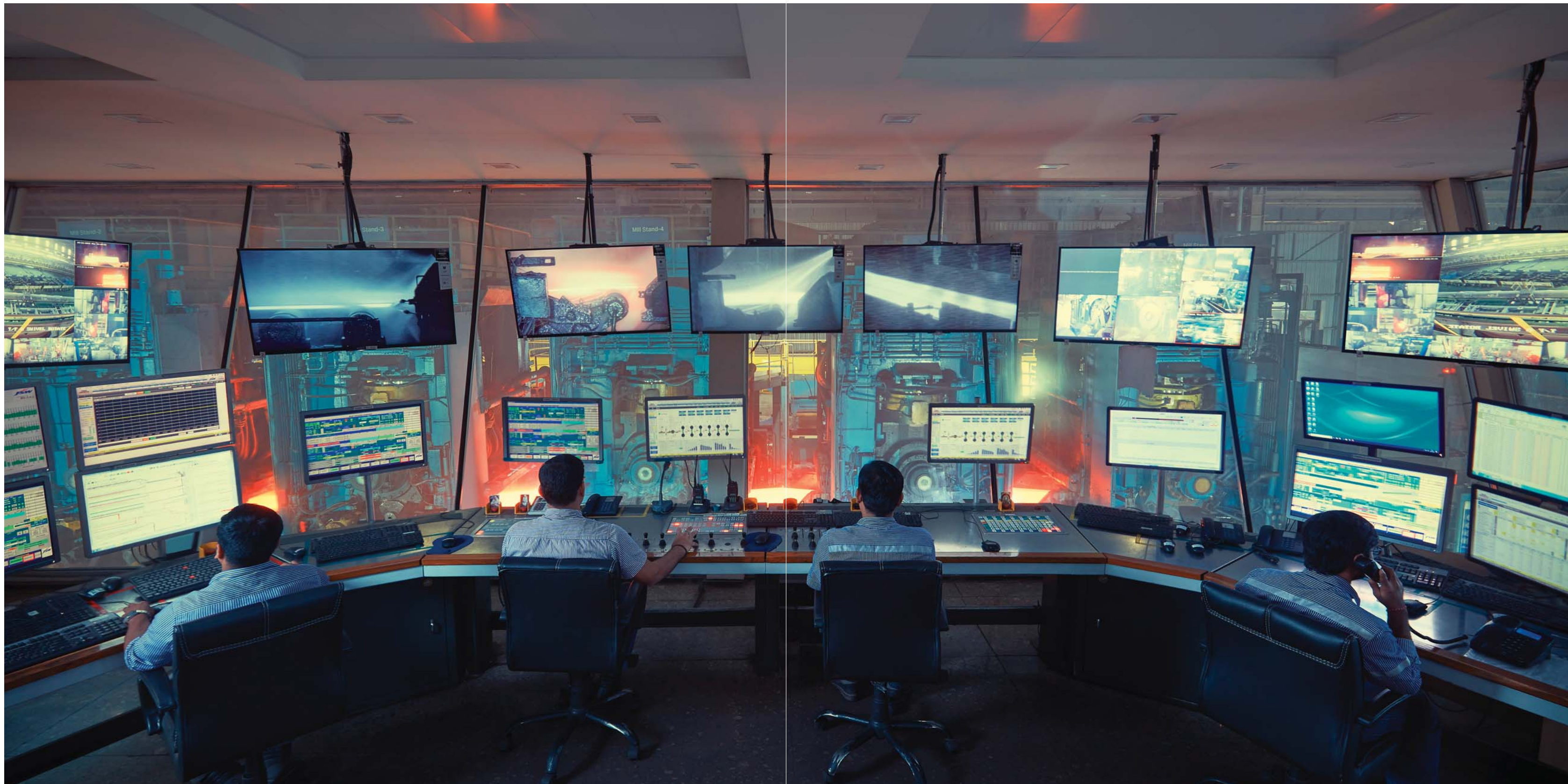


Vallur Thermal Power Station Project, Chennai



Kattupalli Shipyard Project







## ESG

### E

- Climate Change
- Energy
- Resources
- Water Resources
- Waste
- Waste Water
- Air Emissions
- Biodiversity
- Sustainable Mining
- SupplyChain Availability

### S

- Indigenous People
- Cultural Heritage
- Employee Wellbeing
- Local Considerations
- Social Sustainability

### G

- Business Ethics
- Human Rights
- Supply Chain

- 42% Emissions reduction by 2030
- 33% Reduction in water consumption by 2030
- 100% Waste recycling/ reutilisation by 2030
- 15% Reduction in energy consumption by 2030
- Zero Liquid Discharge (ZLD) across all locations



Climate  
Change



Social  
Sustainability



Human  
Rights



Water  
Resources



Biodiversity

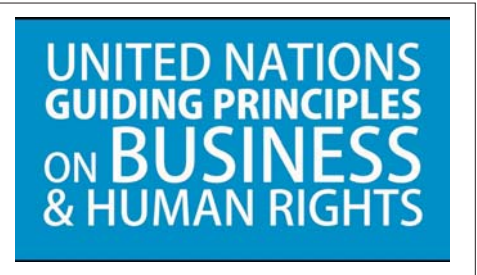


Energy

Driving sustainability initiatives across platforms



Aligned to national & international Driving sustainability initiatives across platforms frameworks



Awards  
& Recognition



Steel Sustainability Champion for sixth consecutive year



Leadership rating for 4th consecutive year in Climate Change, 'A' rating in Water Security



Global Energy Transition Chage makers Award for SEED Project



British Safety Council 5-star rating and Sword of Honor award



Included in the Dow Jones World and Emerging Markets Sustainability Indices



Awarded one of India's Best Workplaces for Women, Health and Wellness and Best Employers among Nation-Builders



JSW becomes fastest growing brand in India over the last 10 years - Interbrand



Received the Iconic Brands of India 2025 Award from ET NOW







Sales Office

**AHMEDABAD**  
JSW steel Ltd.  
Office No 501/502,Mondeal  
Height B-Wing,  
Lascon Cross road  
Near Novotel Hotel  
Opp Karnavati Club, S.G.Highway  
Ahmedabad -380054  
Mb:08128833390

**AURANGABAD**  
JSw steel Ltd  
Office no 306,3rd floor,05/1  
A,B,C East Beside ,Prozone Mall  
Chikaithana MIDC  
Aurangabad

**BANGALORE**  
JSW Steel  
121, The Estate  
3rd Floor, Dickenson Road  
Bengaluru 560 042  
TEL:08042448888

**BHUBANESWAR**  
JSW steel Ltd  
JSS STP ,2nd Floor , Block B  
Infocity, Chandrasekharpur E -1/1  
Bhubaneswar-751024  
Tel: 0674-6658904

**CHENNAI**  
JSW Steel Ltd Limited,  
Olympia Cyber space,  
Office Module 3, 10th Floor,  
13th Level, 21/22,  
Arulyammanpettai, 2nd Steer,  
Alandur Road, Guindy,  
Chennai 600032  
TEL :044 69255300

**COIMBATORE**  
JSW Steel Ltd.  
211, 2nd Floor, Sathya Complex,  
ESR Avenue Nr Post office,  
TV Swamy Road (East),  
Coimbatore – 541002

**DELHI**  
JSW Steel Ltd.  
4th Floor, NTH Complex,  
A-2, Shaheed Jeet Singh Marg,  
Qutub Institutional Area,  
New Delhi - 110067  
Tel: (011) 48178600

**FARIDABAD**  
JSW Steel Ltd.  
Nain Sadan,  
Sector 20A,  
Plot No- 35,  
Near EF3 Mall,  
Faridabad - 121001  
Tel: (0129) 2239248, 2232387

**GUWAHATI**  
JSW Steel Ltd.  
6th Floor, Unique Avenue,  
Front Side,  
Opp. Fire Station,  
Super Market,  
Dispur, Guwahati - 781 005,

**HUBLI**  
JSW Steel Ltd,  
2nd Floor, Signature Mall,  
Airport Road,  
Gokul Road,  
Hubli - 580030

**HYDERABAD**  
JSW Steel Ltd.  
Babu Khan Millenniums Centre,  
7th Floor, Somajiguda,  
Hyderabad -500082  
Tel : (040) 27846669 / 79

**INDORE**  
JSW Steel,  
Unit no. 416, 4th Floor,  
Princes' Business Skypark,  
AB Road,  
Indore-452010  
TEL: 07312532156

**JAIPUR**  
JSW Steel Ltd.' 3rd floor, 304-307,  
Signature Tower,  
Behind Police HQ,  
Lal kothi, Tonk Phatak,  
Jaipur- 302015 (Rajasthan)  
Tel: (0141) 4629200

**KOCHI**  
JSW Steel Ltd.  
34/138L3, New No 41/150A3,  
2nd Floor,  
Above Dhe Puttu Restaurant  
Service Road NH By-pass  
Edapally, Kochi , Kerala 682024

**KOLKATA**  
JSW Steel Ltd.  
Godrej Waterside,  
10th Floor, Tower - 1  
Unit No 1003,  
Plot- DP-5 Sector V,  
Salt Lake City  
Kolkata - 700091  
Tel : (033) 40002020

**LUCKNOW**  
JSW Steel,  
Vishal Singh Srinet Office No. 708 -710,  
7th floor, Shalimar Titanium,  
Mandi Parishad Rd,  
Opp. Indira Gandhi Pratishthan Vijaipur  
Colony, Vibhuti Khand, Gomti Nagar,  
Lucknow, UP – 226010  
TEL : 05226902300

**LUDHIANA**  
JSW Steel Ltd.,  
1st Floor, JSW BPSL Complex,  
B-29/542 , G.T Road ,  
Dhandari Kalan ,  
Ludhiana (Punjab) 141014

**MUMBAI**  
JSW Steel Ltd  
JSW Centre ,Bandra Kurla Complex  
Bandra East  
Mumbai-400051  
Mb: 022-42863000

**NAGPUR**  
JSW Steel Ltd.  
L&T Building,  
3<sup>rd</sup> Floor (Back Side),  
Plot No: 12,  
Shivaji Nagar,  
Nagpur: 440 010

**NAVI MUMBAI**  
JSW Steel Ltd.  
1101-1102 a 1704-1707,  
17th Floor, Plot No. 4 a 6,  
Greenscape Cyber One,  
Sector 30 A, Vasi,  
Navi Mumbai - 400 705  
Tel : 022 69337000

**NOIDA**  
JSW Steel Ltd.  
Trapezoid, C-27, 9th Floor,  
Sector-62, Noida,  
Uttar Pradesh

**PATNA**  
JSW Steel Ltd.  
Sai Tower, 3<sup>d</sup> Floor,  
Rekha House,  
New Oak Banglow Road,  
Patna - 800 001  
Tel : 0612 - 6696205

**PUNE**  
The Metropolitan,  
FP No 27,  
Survey No 21,4th Floor,  
Ekta Park Society,  
Sagar Society,Wakdewadi,  
Shivajinagar, Pune,  
Maharashtra – 411003  
TEL: 020-66662300

**VIJAYWADA**  
JSW Steel Ltd  
VRN House Corporate,  
2nd Floor, 38-4-12,  
Opp All India Radio,  
Beside MG Road,  
Punnamma Thota,  
Vijaywada - 520010  
TEL: 0866 2720500