



भारत सरकार
Government of India
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
Ministry of Micro, Small & Medium Enterprises
एमएसएमई परीक्षण केन्द्र
MSME TESTING CENTRE
चेन्नै - 600 032. | CHENNAI - 600 032.



Test Report for

TMT Bar - 8 mm

No. 25005194 ULR No:
TC1141325000005194F
Date 04.09.2025
Page 1 of 3

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005194 ULR No: TC1141325000005194F

*Description of Samples : TMT Bar - 8 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer Incharge
Customer Cell
For Joint Director



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TC-11413

Test Report for :
TMT Bar 8.0 mm Dia

Report No : 2500 5194

Date : 04.09.2025

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ULR No: TC1141325000005194F

TEST REPORT

Description of Sample : TMT Bar 8.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	740
	b) Yield Strength (N/mm ²)	550 (Min)	660
	c) Elongation %	14.5 (Min)	19.2
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.12
	e) Total Elongation at Maximum Force %	5.0 (Min)	8.0
2.	Mass (Kg/m)	0.395 (-8% Min)	0.396
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 4φ where φ is the diameter of the sample
2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 6φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.6 & 52
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)



L. K.andan
Assistant Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 25005194

Date : 04.09.2025

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ULR No:TC1141325000005194F

Description of Sample / Identification : TMT Bar - 8 mm
BN: TUSKER

Condition of the Sample : Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.22
Sulphur	0.040 % (Max)	0.029
Phosphorus	0.040 % (Max)	0.040
Sulphur + Phosphorus	0.075 % (Max)	0.069
Manganese	-	0.542
Copper	-	0.125
Nickel	-	0.068
Chromium	-	0.121
Molybdenum	-	BDL (DL- 0.01%)
Vanadium	-	BDL (DL- 0.01%)
Aluminium	-	BDL (DL- 0.005%)
Nitrogen	0.012 % (Max)	0.008

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025

Environmental Condition

Temperature, ° C : 25.3

Humidity (RH), % : 58

Place of Testing : At Laboratory

Type of Test : Determination of Chemical Composition

Equipment used : Optical Emission Spectrometer (Model OES-5500II)

Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)

Tested by : B.Pavithra

Checked by : M.Annabackiam

Tested by

B. Pavithra
(B. Pavithra)
Lab Assistant



M. Annabackiam

(M. Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



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Test Report for

TMT Bar - 10 mm

No. 25005195 ULR No:
TC1141325000005195F
Date 04.09.2025
Page 1 of 3

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005195 ULR No: TC1141325000005195F

*Description of Samples : TMT Bar - 10 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Officer incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005195F

TEST REPORT

Description of Sample : TMT Bar 10.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	684
	b) Yield Strength (N/mm ²)	550 (Min)	592
	c) Elongation %	14.5 (Min)	20.0
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.15
	e) Total Elongation at Maximum Force %	5.0 (Min)	8.8
2.	Mass (Kg/m)	0.617 (-8% Min)	0.600
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 4φ where φ is the diameter of the sample
2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 6φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.6 & 52
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Kandan
Assistant Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 25005195

Date : 04.09.2025

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ULR No:TC1141325000005195F

Description of Sample / Identification : TMT Bar - 10 mm
BN: TUSKER
Condition of the Sample : Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.22
Sulphur	0.040 % (Max)	0.027
Phosphorus	0.040 % (Max)	0.035
Sulphur + Phosphorus	0.075 % (Max)	0.062
Manganese	-	0.589
Copper	-	0.168
Nickel	-	0.085
Chromium	-	0.150
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.011

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C : 25.3
Humidity (RH), % : 58
Place of Testing : At Laboratory
Type of Test : Determination of Chemical Composition
Equipment used : Optical Emission Spectrometer (Model OES-5500II)
Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)
Tested by : B.Pavithra
Checked by : M.Annabackiam

Tested by

B. Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



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Test Report for

TMT Bar - 12 mm

No. 25005196 ULR No:
TC1141325000005196F

Date 04.09.2025

Page 1 of 3

TEST REPORT

*Name of the Customer

Ferrosco Industries Pvt Ltd

*Address

S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005196 ULR No: TC1141325000005196F

*Description of Samples : TMT Bar - 12 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Office incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005196F

TEST REPORT

Description of Sample : TMT Bar 12.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	761
	b) Yield Strength (N/mm ²)	550 (Min)	662
	c) Elongation %	14.5 (Min)	19.6
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.14
	e) Total Elongation at Maximum Force %	5.0 (Min)	8.6
2.	Mass (Kg/m)	0.888 (-6% Min)	0.873
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 4φ where φ is the diameter of the sample
2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 7φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.6 & 52
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Kandan
Assistant Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 25005196

Date : 04.09.2025

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ULR No:TC1141325000005196F

Description of Sample /
Identification

TMT Bar - 12 mm
BN: TUSKER

Condition of the Sample

Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.21
Sulphur	0.040 % (Max)	0.021
Phosphorus	0.040 % (Max)	0.026
Sulphur + Phosphorus	0.075 % (Max)	0.047
Manganese	-	0.569
Copper	-	0.090
Nickel	-	0.068
Chromium	-	0.099
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.010

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025

Environmental Condition

Temperature, ° C : 25.3

Humidity (RH), % : 58

Place of Testing : At Laboratory

Type of Test : Determination of Chemical Composition

Equipment used : Optical Emission Spectrometer (Model OES-5500II)

Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)

Tested by : B.Pavithra

Checked by : M.Annabackiam

Tested by

B.Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005197 ULR No: TC1141325000005197F

*Description of Samples : TMT Bar - 16 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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TC-11413

Test Report for :
TMT Bar 16.0 mm Dia

Report No : 2500 5197

Date : 04.09.2025

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ULR No: TC1141325000005197F

TEST REPORT

Description of Sample : TMT Bar 16.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

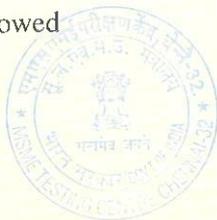
Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe - 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	752
	b) Yield Strength (N/mm ²)	550 (Min)	651
	c) Elongation %	14.5 (Min)	16.2
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.15
	e) Total Elongation at Maximum Force %	5.0 (Min)	6.0
2.	Mass (Kg/m)	1.580 (-6% Min)	1.555
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 4φ where φ is the diameter of the sample

2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 7φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.6 & 52
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)



L.Kandam
Assistant Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 25005197

Date : 04.09.2025

Page : 3 of 3

ULR No:TC1141325000005197F

Description of Sample / Identification : TMT Bar - 16 mm
BN: TUSKER

Condition of the Sample : Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.19
Sulphur	0.040 % (Max)	0.024
Phosphorus	0.040 % (Max)	0.030
Sulphur + Phosphorus	0.075 % (Max)	0.054
Manganese	-	0.534
Copper	-	0.086
Nickel	-	0.057
Chromium	-	0.085
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.005

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025

Environmental Condition

Temperature, ° C : 25.3

Humidity (RH), % : 58

Place of Testing : At Laboratory

Type of Test : Determination of Chemical Composition

Equipment used : Optical Emission Spectrometer (Model OES-5500II)

Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)

Tested by : B.Pavithra

Checked by : M.Annabackiam

Tested by

B.Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



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Test Report for

TMT Bar - 20 mm

No. 25005198 ULR No:
TC1141325000005198F

Date 04.09.2025

Page 1 of 3

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference..... : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005198 ULR No: TC1141325000005198F

*Description of Samples : TMT Bar - 20 mm

*Identifications : BN: TUSKER

Date of Receipt..... : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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TC-11413

Test Report for :
TMT Bar 20.0 mm Dia

Report No : 2500 5198

Date : 04.09.2025

Page : 02 of 03

ULR No: TC1141325000005198F

TEST REPORT

Description of Sample : TMT Bar 20.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	734
	b) Yield Strength (N/mm ²)	550 (Min)	645
	c) Elongation %	14.5 (Min)	16.6
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.13
	e) Total Elongation at Maximum Force %	5.0 (Min)	6.8
2.	Mass (Kg/m)	2.470 (-4% Min)	2.480
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 4φ where φ is the diameter of the sample

2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 7φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 54
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)



L.K. Andan
Assistant Director (Mech)
Authorised Signatory



ULR No:TC1141325000005198F

Description of Sample /
Identification

: TMT Bar - 20 mm
BN: TUSKER

Condition of the Sample

: Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.15
Sulphur	0.040 % (Max)	0.021
Phosphorus	0.040 % (Max)	0.023
Sulphur + Phosphorus	0.075 % (Max)	0.044
Manganese	-	0.534
Copper	-	0.078
Nickel	-	BDL(DL- 0.05%)
Chromium	-	0.062
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.005

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025

Environmental Condition

Temperature, ° C : 25.3

Humidity (RH), % : 58

Place of Testing : At Laboratory

Type of Test : Determination of Chemical Composition

Equipment used : Optical Emission Spectrometer (Model OES-5500II)

Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)

Tested by : B.Pavithra

Checked by : M.Annabackiam

Tested by

B. Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



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Test Report for

TMT Bar - 25 mm

No. 25005199 ULR No:
TC1141325000005199F

Date 04.09.2025

Page 1 of 3

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005199 ULR No: TC1141325000005199F

*Description of Samples : TMT Bar - 25 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer Incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005199F

TEST REPORT

Description of Sample : TMT Bar 25.0 mm Dia
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

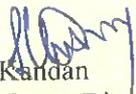
Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	643
	b) Yield Strength (N/mm ²)	550 (Min)	558
	c) Elongation %	14.5 (Min)	20.7
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.15
	e) Total Elongation at Maximum Force %	5.0 (Min)	8.4
2.	Mass (Kg/m)	3.850 (-4% Min)	3.853
3.	Bend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination
4.	Rebend Test	There should be no rupture/ crack in the bent portion	No rupture/ crack was observed in the bent portion after the test on visual examination.

*As Stated by the Customer

Remarks : 1) For Test at Sl. No.3, Angle of bend is 180° and Mandrel dia is 5φ where φ is the diameter of the sample
2) For Test at Sl.No.4, Angle of bend is 135° & 157.5° and Mandrel dia is 7φ where φ is the diameter of the sample.

Date of Test : 03.09.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 54
Type of Test : Tensile, Mass, Bend & Rebend Test
Procedure Followed : IS 1608 (Part 1) : 2022 & IS 1599 : 2023
Tested by : S.Sadamadhavan, Instructor (Mech)




L.Kandan
Assistant Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 25005199

Date : 04.09.2025

Page : 3 of 3

ULR No:TC1141325000005199F

Description of Sample /
Identification

: TMT Bar - 25 mm
BN: TUSKER

Condition of the Sample

: Good

TEST RESULTS

Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value, in percent
Carbon	0.25 % (Max)	0.12
Sulphur	0.040 % (Max)	0.020
Phosphorus	0.040 % (Max)	0.029
Sulphur + Phosphorus	0.075 % (Max)	0.049
Manganese	-	0.553
Copper	-	0.082
Nickel	-	0.05
Chromium	-	0.077
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.005

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 03.09.2025

Environmental Condition

Temperature, ° C : 25.3

Humidity (RH), % : 58

Place of Testing : At Laboratory

Type of Test : Determination of Chemical Composition

Equipment used : Optical Emission Spectrometer (Model OES-5500II)

Procedure Followed : Nitrogen IS 228 Part 23:2003 (RA 2019),Others IS 8811: 1998 (RA 2018)

Tested by : B.Pavithra

Checked by : M.Annabackiam

Tested by

B. Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



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Test Report for

TMT Bar

No. 25005200

Date 04.09.2025

Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005200

*Description of Samples : TMT Bar

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Officer Incharge
Customer Cell
For Joint Director



Description of Sample / Identification : TMT Bar
Condition of the Sample : BN: TUSKER
: Good

TEST RESULTS

Samples Detail	Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value
TMT Bar - 8mm	Carbon Equivalent	0.61 % (Max)	0.35 %
TMT Bar - 10mm			0.37 %
TMT Bar - 12mm			0.34 %
TMT Bar - 16mm			0.31 %
TMT Bar - 20mm			0.26 %
TMT Bar - 25mm			0.24 %

BDL: Below Detection Limit, DL- Min Detection Limit.

Date of Test : 03.09.2025
Environmental Condition :
Temperature : -
Humidity (RH) : -
Place of Testing : At Laboratory
Type of Test : Determination of Carbon Equivalent
Equipment used : -
Procedure Followed : Summation as per IS 1786:2008 Amendment No 3
Test done by : B.Pavithra
Checked by : M.Annabackiam

Tested By

B. Pavithra
(B.Pavithra)
Lab Assistant



M. Annabackiam
(M.Annabackiam)
Assistant Director (Chem)
Authorised Signatory

-End of the Report-



TEST REPORT

*Name of the Customer : Ferrosco Industries Pvt Ltd

*Address : S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005201 ULR No: TC1141325000005201F

*Description of Samples : TMT Bar - 8 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Officer Incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005201F

TEST REPORT

Description of Sample : TMT Bar 8.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	250 Kg/cm ²
b) Age of Specimen	---	28 days
	Plain Steel bar	TMT bar
c) Average load at a slip of 0.025 mm at the free end	545 N	830 N
d) Average load at a slip of 0.25 mm at the free end	725 N	1385 N
e) Average maximum load of failure	8570 N	15,510 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken	

*As Stated by the Customer

Date of Test : 08-09-2025 to 06-10-2025
Environmental Condition
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Kandan
Assistant Director (Mech)
Authorized Signatory

- End of the Report-



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Test Report for

TMT Bar - 10 mm

No. 25005202 ULR No:
TC1141325000005202F
Date 17.10.2025
Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005202 ULR No: TC1141325000005202F

*Description of Samples : TMT Bar - 10 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer Incharge
Customer Cell
For Joint Director



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TC-11413

Test Report For :
TMT Bar 10.0 mm Dia

Report No : 2500 5202

Date : 17.10.2025

Page : 02 of 02

ULR No: TC114132500005202F

TEST REPORT

Description of Sample : TMT Bar 10.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	250 Kgf/cm ²
b) Age of Specimen	---	28 days
	Plain Steel bar	TMT bar
c) Average load at a slip of 0.025 mm at the free end	825 N	1280 N
d) Average load at a slip of 0.25 mm at the free end	1215 N	2335 N
e) Average maximum load of failure	19,230 N	33,655 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken	

*As Stated by the Customer

Date of Test : 08-09-2025 to 06-10-2025
Environmental Condition
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)



L.Kandian
Assistant Director (Mech)
Authorized Signatory

- End of the Report-



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Test Report for

TMT Bar - 12 mm

No. 25005203 ULR No:
TC1141325000005203F
Date 17.10.2025
Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005203 ULR No: TC1141325000005203F

*Description of Samples : TMT Bar - 12 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Officer Incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005203F

TEST REPORT

Description of Sample : TMT Bar 12.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	260 Kg/cm ²
b) Age of Specimen	---	28 days
	Plain Steel bar	TMT bar
c) Average load at a slip of 0.025 mm at the free end	955 N	1470 N
d) Average load at a slip of 0.25 mm at the free end	1395 N	2650 N
e) Average maximum load of failure	29,650 N	51,890 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken	

*As Stated by the Customer

Date of Test : 09-09-2025 to 07-10-2025
Environmental Condition :
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)



L.K.Randhan
Assistant Director (Mech)
Authorized Signatory

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TC-11413

Test Report for

TMT Bar - 16 mm

No. 25005204 ULR No:
TC1141325000005204F

Date 17.10.2025

Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005204 ULR No: TC1141325000005204F

*Description of Samples : TMT Bar - 16 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer Incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005204F

TEST REPORT

Description of Sample : TMT Bar 16.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	260 Kg/cm ²
b) Age of Specimen	---	28 days
	Plain Steel bar	TMT bar
c) Average load at a slip of 0.025 mm at the free end	1295 N	1945 N
d) Average load at a slip of 0.25 mm at the free end	1830 N	3515 N
e) Average maximum load of failure	33,850 N	66,685 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken	

*As Stated by the Customer

Date of Test : 09-09-2025 to 07-10-2025
Environmental Condition
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)



L. Kandan
Assistant Director (Mech)
Authorized Signatory

- End of the Report-



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TC-11413

Test Report for

TMT Bar - 20 mm

No. 25005205 ULR No:
TC1141325000005205F

Date 17.10.2025

Page 1 of 2

TEST REPORT

*Name of the Customer

Ferrosco Industries Pvt Ltd

*Address

S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005205 ULR No: TC1141325000005205F

*Description of Samples : TMT Bar - 20 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

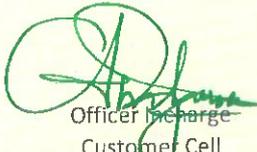
Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Officer In-charge
Customer Cell
For Joint Director



ULR No: TC1141325000005205F

TEST REPORT

Description of Sample : TMT Bar 20.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	270 Kgf/cm ²	
b) Age of Specimen	---	28 days	
	Plain Steel bar		TMT bar
c) Average load at a slip of 0.025 mm at the free end	1505 N		2300 N
d) Average load at a slip of 0.25 mm at the free end	2220 N		4285 N
e) Average maximum load of failure	53,450 N		89,260 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken		

*As Stated by the Customer

Date of Test : 10-09-2025 to 08-10-2025
Environmental Condition :
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Kandan
Assistant Director (Mech)
Authorized Signatory

- End of the Report-



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TC-11413

Test Report for

TMT Bar - 25 mm

No. 25005206 ULR No:
TC1141325000005206F

Date 17.10.2025

Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd

*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005206 ULR No: TC1141325000005206F

*Description of Samples : TMT Bar - 25 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

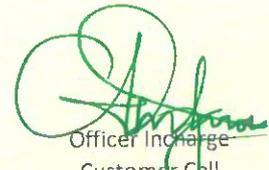
Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer Incharge
Customer Cell
For Joint Director



ULR No: TC1141325000005206F

TEST REPORT

Description of Sample : TMT Bar 25.0 mm Dia , Fe 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

1. PULL-OUT TEST

a) Crushing Strength of concrete cube (Average of 3 Samples)	---	270 Kg/cm ²
b) Age of Specimen	---	28 days
	Plain Steel bar	TMT bar
c) Average load at a slip of 0.025 mm at the free end	1735 N	2620 N
d) Average load at a slip of 0.25 mm at the free end	2550 N	4895 N
e) Average maximum load of failure	61,700 N	93,785 N
f) Type of failure (For all three specimens)	TMT bars and plain steel bars have been pulled out from the concrete cube Neither the bars nor the concrete cubes were broken	

*As Stated by the Customer

Date of Test : 10-09-2025 to 08-10-2025
Environmental Condition
Temperature : Ambient
Humidity : Ambient
Type of Test : Pull-Out Test
Procedure Followed : IS 1786 :2008 & IS 2770 (Part – 1) : 1967
Tested by : S.Sadamadhavan, Instructor (Mech)



L.Kandan
Assistant Director (Mech)
Authorized Signatory

- End of the Report-



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Test Report for
TMT Bar - 8 mm

No. 25005207
Date 17.10.2025
Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd
*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114
*Customer Reference..... : Letter No. FIPL/2025/03 dt. 28.08.2025
Job Sl. No. : 25005207
*Description of Samples : TMT Bar - 8 mm
*Identifications : BN: TUSKER
Date of Receipt. : 29-08-2025
Sampling Procedure : Sample submitted by Customer
Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

*These Particulars are based on information provided by the customer alongwith the test request, MSME Testing Centre does not assume any responsibility for the correctness of the same.

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Officer incharge
Customer Cell
For Joint Director



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Test Report for :
TMT Bar 8.0 mm Dia
Report No : 2500 5207
Date : 17.10.2025
Page : 02 of 02

TEST REPORT

Description of Sample : TMT Bar 8.0 mm Dia, Fe – 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	0.96 (Min)	1.60
2.	The Mean projected area of transverse rib alone mm ² /mm	0.32 (Min)	1.60

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 51
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L.Kandan
Assistant Director (Mech)
Authorised Signatory

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Test Report for
TMT Bar - 10 mm

No. 25005208
Date 17.10.2025
Page 1 of 2

TEST REPORT

*Name of the Customer : Ferrosco Industries Pvt Ltd

*Address : S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference..... : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005208

*Description of Samples : TMT Bar - 10 mm

*Identifications : BN: TUSKER

Date of Receipt..... : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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TEST REPORT

Description of Sample : TMT Bar 10.0 mm Dia, Fe – 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	1.20 (Min)	2.41
2.	The Mean projected area of transverse rib alone mm ² /mm	0.40 (Min)	2.41

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 51
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L.K. Ardan
Assistant Director (Mech)
Authorised Signatory

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Test Report for
TMT Bar - 12 mm

No. 25005209
Date 17.10.2025
Page 1 of 2

TEST REPORT

*Name of the Customer Ferrosco Industries Pvt Ltd
*Address S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114
*Customer Reference..... : Letter No. FIPL/2025/03 dt. 28.08.2025
Job Sl. No. : 25005209
*Description of Samples : TMT Bar - 12 mm
*Identifications : BN: TUSKER
Date of Receipt..... : 29-08-2025
Sampling Procedure : Sample submitted by Customer
Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Test Report for :
TMT Bar 12.0 mm Dia
Report No : 2500 5209
Date : 17.10.2025
Page : 02 of 02

TEST REPORT

Description of Sample : TMT Bar 12.0 mm Dia, Fe – 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	1.80 (Min)	3.06
2.	The Mean projected area of transverse rib alone mm ² /mm	0.60 (Min)	3.06

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 51
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Kishan
Assistant Director (Mech)
Authorised Signatory

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Test Report for

TMT Bar - 16 mm

No. 25005210

Date 17.10.2025

Page 1 of 2

TEST REPORT

*Name of the Customer : Ferrosco Industries Pvt Ltd

*Address : S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference..... : Letter No. FiPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005210

*Description of Samples : TMT Bar - 16 mm

*Identifications : BN: TUSKER

Date of Receipt..... : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Test Report for :
TMT Bar 16.0 mm Dia
Report No : 2500 5210
Date : 17.10.2025
Page : 02 of 02

TEST REPORT

Description of Sample : TMT Bar 16.0 mm Dia, Fe – 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	2.40 (Min)	4.15
2.	The Mean projected area of transverse rib alone mm ² /mm	0.80 (Min)	4.15

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.4 & 51
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L.Kannan
Assistant Director (Mech)
Authorised Signatory

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Test Report for

TMT Bar - 20 mm

No. 25005211

Date 17.10.2025

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TEST REPORT

*Name of the Customer : Ferrosco Industries Pvt Ltd

*Address : S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference..... : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005211

*Description of Samples : TMT Bar - 20 mm

*Identifications : BN: TUSKER

Date of Receipt..... : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Test Report for :
TMT Bar 20.0 mm Dia
Report No : 2500 5211
Date : 17.10.2025
Page : 02 of 02

TEST REPORT

Description of Sample : TMT Bar 20.0 mm Dia, Fe – 550D
*Identification : BN : TUSKER
Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	3.40 (Min)	5.82
2.	The Mean projected area of transverse rib alone mm ² /mm	1.13 (Min)	5.82

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.2 & 53
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L.Kandan
Assistant Director (Mech)
Authorised Signatory

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Test Report for

TMT Bar - 25 mm

No. 25005212

Date 17.10.2025

Page 1 of 2

TEST REPORT

*Name of the Customer : Ferrosco Industries Pvt Ltd

*Address : S.F.No. 737/1, NH7
Tirunelveli Kanyakumari Highway
Radhapuram Tk, Pazhavur Village, Tirunelveli - 627 114

*Customer Reference. : Letter No. FIPL/2025/03 dt. 28.08.2025

Job Sl. No. : 25005212

*Description of Samples : TMT Bar - 25 mm

*Identifications : BN: TUSKER

Date of Receipt. : 29-08-2025

Sampling Procedure : Sample submitted by Customer

Graph / Figure, if any : Not Applicable

Note: This Report pertains to the particular sample submitted for the test and no interpretation or opinions on the test results has been provided.

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Test Report for :
TMT Bar 25.0 mm Dia

Report No : 2500 5212

Date : 17.10.2025

Page : 02 of 02

TEST REPORT

Description of Sample : TMT Bar 25.0 mm Dia, Fe – 550D

*Identification : BN : TUSKER

Condition of the Test Sample : Received in Good Condition

TEST RESULTS

Sl. No.	Type of Test	Specified Value as per IS 1786:2008 (RA:2018)	Observed Value
1.	The Mean Projected Rib area per unit length mm ² /mm	4.25 (Min)	6.26
2.	The Mean projected area of transverse rib alone mm ² /mm	1.42 (Min)	6.26

*As Stated by the Customer

Date of Test : 03.10.2025
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.2 & 53
Type of Test : MPA Test
Procedure Followed : IS 1786 : 2008 (RA:2018)
Tested by : S.Sadamadhavan, Instructor (Mech)




L. Karunan
Assistant Director (Mech)
Authorised Signatory

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