



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. 26001896 ULR No:
TC1141326000001896F
Date 13.03.2026
Page 1 of 3

TEST REPORT

*Name of the Customer

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference..... : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001896 ULR No: TC1141326000001896F

*Description of Samples : TMT Bar - 8 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt..... : 27-02-2026

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 Director



ULR No: TC1141326000001896F

TEST REPORT

Description of Sample : TMT Bar 8.0 mm Dia
*Identification : BN : AMMAN TRY
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)	673
	b) Yield Strength (N/mm ²)	550 (Min)	561
	c) Elongation %	14.5 (Min)	22.0
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.19
	e) Total Elongation at Maximum Force %	5.0 (Min)	11.2
2.	Mass (Kg/m)	0.395 (-8% Min)	0.383
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.5 & 68
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
Deputy Director (Mech)
Authorised Signatory



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Test Report for
TMT Bar

Report No : 26001896

Date : 13.03.2026

Page : 3 of 3

ULR No:TC114132600001896F

Description of Sample / Identification : TMT Bar - 8 mm
BN: AMMAN - TRY
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)	0.20
Sulphur	0.040 % (Max)	0.015
Phosphorus	0.040 % (Max)	0.031
Sulphur + Phosphorus	0.075 % (Max)	0.046
Manganese	-	0.574
Copper	-	0.111
Nickel	-	0.080
Chromium	-	0.227
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 : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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. 26001897 ULR No:
TC1141326000001897F
Date 13.03.2026
Page 1 of 3

TEST REPORT

*Name of the Customer

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference. : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001897 ULR No: TC1141326000001897F

*Description of Samples : TMT Bar - 10 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt. : 27-02-2026

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 Director



ULR No: TC1141326000001897F

TEST REPORT

Description of Sample : TMT Bar 10.0 mm Dia
*Identification : BN : AMMAN TRY
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)	653
	b) Yield Strength (N/mm ²)	550 (Min)	566
	c) Elongation %	14.5 (Min)	23.6
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.15
	e) Total Elongation at Maximum Force %	5.0 (Min)	11.4
2.	Mass (Kg/m)	0.617 (-8% Min)	0.592
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.5 & 68
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. Karan
Deputy Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 26001897

Date : 13.03.2026

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ULR No:TC1141326000001897F

Description of Sample /
Identification

: TMT Bar - 10 mm
BN: AMMAN - TRY

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)	0.17
Sulphur	0.040 % (Max)	0.021
Phosphorus	0.040 % (Max)	0.028
Sulphur + Phosphorus	0.075 % (Max)	0.049
Manganese	-	0.608
Copper	-	0.135
Nickel	-	0.071
Chromium	-	0.200
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.006

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference. : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001898 ULR No: TC1141326000001898F

*Description of Samples : TMT Bar - 12 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt. : 27-02-2026

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 Director



ULR No: TC1141326000001898F

TEST REPORT

Description of Sample : TMT Bar 12.0 mm Dia
*Identification : BN : AMMAN TRY
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)	660
	b) Yield Strength (N/mm ²)	550 (Min)	571
	c) Elongation %	14.5 (Min)	23.8
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.15
	e) Total Elongation at Maximum Force %	5.0 (Min)	11.5
2.	Mass (Kg/m)	0.888 (-6% Min)	0.880
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.5 & 68
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
Deputy Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 26001898

Date : 13.03.2026

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ULR No:TC1141326000001898F

Description of Sample /
Identification

: TMT Bar - 12 mm
BN: AMMAN - TRY

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)	0.17
Sulphur	0.040 % (Max)	0.011
Phosphorus	0.040 % (Max)	0.026
Sulphur + Phosphorus	0.075 % (Max)	0.037
Manganese	-	0.465
Copper	-	0.052
Nickel	-	0.054
Chromium	-	0.238
Molybdenum	-	BDL (DL- 0.01%)
Vanadium	-	BDL (DL- 0.01%)
Aluminium	-	BDL (DL- 0.005%)
Nitrogen	0.012 % (Max)	0.007

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference..... : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001899 ULR No: TC1141326000001899F

*Description of Samples : TMT Bar - 16 mm

*Identifications..... : BN: AMMAN - TRY

Date of Receipt..... : 27-02-2026

Sampling Procedure : Sample submitted by Customer

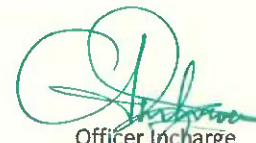
Graph / Figure, if any : Not Applicable .

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 Director



ULR No: TC1141326000001899F

TEST REPORT

Description of Sample : TMT Bar 16.0 mm Dia
*Identification : BN : AMMAN TRY
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)	661
	b) Yield Strength (N/mm ²)	550 (Min)	557
	c) Elongation %	14.5 (Min)	21.0
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.18
	e) Total Elongation at Maximum Force %	5.0 (Min)	9.1
2.	Mass (Kg/m)	1.580 (-6% Min)	1.511
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.5 & 68
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
Deputy Director (Mech)
Authorised Signatory



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Test Report for
TMT Bar

Report No : 26001899

Date : 13.03.2026

Page : 3 of 3

ULR No:TC1141326000001899F

Description of Sample / Identification : TMT Bar - 16 mm
BN: AMMAN - TRY
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)	0.24
Sulphur	0.040 % (Max)	0.022
Phosphorus	0.040 % (Max)	0.031
Sulphur + Phosphorus	0.075 % (Max)	0.053
Manganese	-	0.668
Copper	-	0.131
Nickel	-	0.103
Chromium	-	0.272
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.003

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference..... : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001900 ULR No: TC1141326000001900F

*Description of Samples : TMT Bar - 20 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt..... : 27-02-2026

Sampling Procedure..... : Sample submitted by Customer

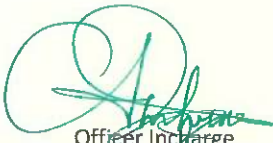
Graph / Figure, if any : Not Applicable

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Officer Incharge
Customer Cell
For Director



ULR No: TC1141326000001900F

TEST REPORT

Description of Sample : TMT Bar 20.0 mm Dia
*Identification : BN : AMMAN TRY
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)	677
	b) Yield Strength (N/mm ²)	550 (Min)	575
	c) Elongation %	14.5 (Min)	20.3
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.17
	e) Total Elongation at Maximum Force %	5.0 (Min)	10.1
2.	Mass (Kg/m)	2.470 (-4% Min)	2.455
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.3 & 66
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
Deputy Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 26001900

Date : 13.03.2026

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ULR No:TC1141326000001900F

Description of Sample / Identification : TMT Bar - 20 mm
BN: AMMAN - TRY

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)	0.015
Phosphorus	0.040 % (Max)	0.025
Sulphur + Phosphorus	0.075 % (Max)	0.040
Manganese	-	0.529
Copper	-	0.120
Nickel	-	0.092
Chromium	-	0.187
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 : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference. : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001901 ULR No: TC1141326000001901F

*Description of Samples : TMT Bar - 25 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt. : 27-02-2026

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 Director



ULR No: TC1141326000001901F

TEST REPORT

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

TEST RESULTS

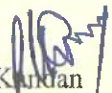
Sl. No.	Type of Test	Specified Value as per IS 1786:2008, RA:2018 (Fe – 550D)	Observed Value
1.	Tensile Test		
	a) Tensile Strength (N/mm ²)	600 (Min)	683
	b) Yield Strength (N/mm ²)	550 (Min)	572
	c) Elongation %	14.5 (Min)	18.6
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.19
	e) Total Elongation at Maximum Force %	5.0 (Min)	9.7
2.	Mass (Kg/m)	3.850 (-4% Min)	3.841
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.3 & 66
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. Kurian
Deputy Director (Mech)
Authorised Signatory



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TC-11413

Test Report for
TMT Bar

Report No : 26001901

Date : 13.03.2026

Page : 3 of 3

ULR No:TC1141326000001901F

Description of Sample / Identification : TMT Bar - 25 mm
BN: AMMAN - TRY

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)	0.018
Phosphorus	0.040 % (Max)	0.029
Sulphur + Phosphorus	0.075 % (Max)	0.047
Manganese	-	0.592
Copper	-	0.165
Nickel	-	0.073
Chromium	-	0.162
Molybdenum	-	BDL (DL- 0.01%)
Vanadium	-	BDL (DL- 0.01%)
Aluminium	-	BDL (DL- 0.005%)
Nitrogen	0.012 % (Max)	0.007

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference. : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 26001902 ULR No: TC1141326000001902F

*Description of Samples : TMT Bar - 32 mm

*Identifications : BN: AMMAN - TRY

Date of Receipt. : 27-02-2026

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 Director



ULR No: TC1141326000001902F

TEST REPORT

Description of Sample : TMT Bar 32.0 mm Dia
*Identification : BN : AMMAN TRY
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)	648
	b) Yield Strength (N/mm ²)	550 (Min)	558
	c) Elongation %	14.5 (Min)	18.9
	d) TS/YS Ratio (N/mm ²)	≥ 1.08	1.16
	e) Total Elongation at Maximum Force %	5.0 (Min)	9.6
2.	Mass (Kg/m)	6.310 (-4% Min)	6.276
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 : 11.03.2026
Environmental Condition :
Temperature, ° C & Humidity (RH), % : 25.3 & 66
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
Deputy Director (Mech)
Authorised Signatory



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Test Report for
TMT Bar

Report No : 26001902

Date : 13.03.2026

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TC-11413

ULR No:TC1141326000001902F

Description of Sample /
Identification

: TMT Bar - 32 mm
BN: AMMAN - TRY

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)	0.012
Phosphorus	0.040 % (Max)	0.022
Sulphur + Phosphorus	0.075 % (Max)	0.034
Manganese	-	0.735
Copper	-	0.094
Nickel	-	BDL(DL- 0.05%)
Chromium	-	0.149
Molybdenum	-	BDL(DL- 0.01%)
Vanadium	-	BDL(DL- 0.01%)
Aluminium	-	BDL(DL- 0.005%)
Nitrogen	0.012 % (Max)	0.006

BDL: Below Detection Limit, DL- Detection Limit.

Date of Test : 11.03.2026
Environmental Condition
Temperature, ° C : 24.6
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. 260001903

Date 13.03.2026

Page 1 of 2

TEST REPORT

*Name of the Customer

AMMAN - TRY SPONGE & POWER (P) LTD

*Address

S F No. 268-271, Sirasanambedu Village
Pellakuru Manadal, Nayudupeta (Sub Dist)
Tirupati Dist - 524 129 (AP)

*Customer Reference..... : Lr. No. ASPL-25-26 dt. 19.02.2026

Job Sl. No. : 260001903

*Description of Samples : TMT Bar

*Identifications..... : BN: AMMAN - TRY

Date of Receipt..... : 27-02-2026

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 Director



सत्यमेव जयते

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Test Report for
TMT Bar

Report No : 26001903

Date : 13.03.2026

Page : 02 of 02

Description of Sample / Identification : TMT Bar
Condition of the Sample : BN: AMMAN - TRY
Good

TEST RESULTS

Samples Detail	Chemical Composition	Specified value as per IS:1786-2008, Amendment No : 3 Fe 550 D	Observed Value
TMT Bar - 8 mm	Carbon Equivalent	0.61 % (Max)	0.35 %
TMT Bar - 10 mm			0.33 %
TMT Bar - 12 mm			0.30 %
TMT Bar - 16 mm			0.42 %
TMT Bar - 20 mm			0.33 %
TMT Bar - 25 mm			0.34 %
TMT Bar - 32 mm			0.38 %

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

Date of Test : 11.03.2026
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-