TEST REPORT
ULR No: TC-1170725100004771F

Issued To,
M/s Aditya Industries
Village Rampur Jattan ,Nahan Road,Kala-Amb
Distt.Sirmour-173030 (H.P)

Report No. : **100-251213-4771**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 08 mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.202	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.018	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.023	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.041	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	0.394	0.395 ± 7 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	669.0	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	570.2	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.17	≥1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	21.2	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.8	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

- *This Test report conforms to above test parameters only submitted for testing.*
- *Decision Rule applied- Yes/No✓ UM ±*
- *The sample description is not verified in all cases and is given as described by the customer.*
- *Samples not drawn by us and the analysis conducted as received basis unless specified otherwise.*
- *Tested sample will be disposed off after 30 days from the date of issue of test report unless until specified by customer.*
- *Complaints about this report should be communicated in writing within seven days of issue date of this report.*
- *This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of law and shall not be used in the advertising media without our prior permission from the Director.*
- *Laboratory shall maintain the confidentiality of all information related to the samples & Test Reports.*

Ghaziabad Testing Laboratories Pvt. Ltd. Tech. Manager
Auth. Signatory

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Issued To,
M/s Aditya Industries
Village Rampur Jattan ,Nahan Road,Kala-Amb
Distt.Sirmour-173030 (H.P)

Report No. : **100-251213-4772**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 10 mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.202	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.020	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.026	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.046	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	0.601	0.617± 7 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	676.1	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	574.9	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.18	≥1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	22.0	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.6	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

- *This Test report conforms to above test parameters only submitted for testing.*
- *Decision Rule applied- Yes/No✓ UM ±*
- *The sample description is not verified in all cases and is given as described by the customer.*
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Ghaziabad Testing Laboratories Pvt. Ltd. Tech. Manager
Auth. Signatory

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Village Rampur Jattan ,Nahan Road,Kala-Amb
Distt.Sirmour-173030 (H.P)

Report No. : **100-251213-4773**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 12 mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.21	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.022	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.026	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.048	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	0.896	0.888 ± 5 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	675.2	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	572.1	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.18	≥1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	21.3	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.2	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

- *This Test report conforms to above test parameters only submitted for testing.*
- *Decision Rule applied- Yes/ No✓ UM ±*
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Ghaziabad Laboratories Pvt. Ltd. Manager
Auth. Signatory

TEST REPORT

ULR No: TC-1170725100004774F

Issued To,
M/s Aditya Industries
Village Rampur Jattan ,Nahan Road,Kala-Amb
Distt.Sirmour-173030 (H.P)

Report No. : **100-251213-4774**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 16 mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.211	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.024	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.026	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.050	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	1.547	1.580 ± 5 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	679.6	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	597.7	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.14	≥1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	20.0	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.1	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

- *This Test report conforms to above test parameters only submitted for testing.*
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Ghaziabad Testing Laboratories Pvt. Ltd. Tech. Manager
Auth. Signatory

TEST REPORT
ULR No: TC-1170725100004775F

Issued To,
M/s Aditya Industries
Village Rampur Jattan ,Nahan Road,Kala-Amb
Distt.Sirmour-173030 (H.P)

Report No. : **100-251213-4775**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 20mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.198	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.021	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.030	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.051	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	2.443	2.470 ± 3 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	664.4	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	598.5	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.11	≥ 1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	19.2	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.0	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

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Auth. Signatory

TEST REPORT
ULR No: TC-1170725100004776F

Issued To,
M/s Aditya Industries
Village Rampur Jattan ,Nahan Road,Kala-Amb
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Report No. : **100-251213-4776**
Report Date : 15/12/2025
Sample Received On : 13/12/2025
Analysis Date : 13/12/2025 to 15/12/2025
Report Prepared On : 15/12/2025
Sampled By : Customer

Sample Description : 25mm Reinforcement TMT Steel Bar, Make- APL Apollo Infra
Condition of the sample on receipt : Received in good condition

TOR/TMT/STEEL AS PER IS 1786:2008 (RA-2013), GRADE FE-550D

Parameters	Units	Test Method	Result	Limits
Chemical Analysis				
Carbon	%	ASTM E 415-2021	0.22	0.25 Max.
Sulphur	%	ASTM E 415-2021	0.018	0.040 Max.
Phosphorus	%	ASTM E 415-2021	0.026	0.040 Max.
Sulphur +Phosphorus	%	By Calculation	0.044	0.075 Max.
Physical Analysis				
Mass per meter	Kg/m	IS 1786:2008 (RA-2013)	3.884	3.850 ± 3 %
Tensile Strength	N/mm^2	IS 1608(P-1)-2022	673.0	600.0 Min.
Yield Stress	N/mm^2	IS 1608(P-1)-2022	573.8	550.0 Min.
Tensile Strength/Yield Stress Ratio	-	IS 1786:2008 (RA-2013)	1.17	≥1.08
Elongation on gauge length (5.65*√A)	%	IS 1608(P-1)-2022	20.0	14.5 Min.
Total Elongation at Maximum Force on guage length (5.65*√A)	%	IS 1608(P-1)-2022	7.4	5.0 Min.
Bend test	-	IS 1599:2023	Passes the test	No rupture or cracks on the bent portion
Rebend test	-	IS 1786:2008 (RA-2013)	Passes the test	No rupture or cracks on the re-bent portion

Remark:- Sample meets the requirement as per specified limits laid down in IS: 1786-2008 (RA-2013), Fe- 550D, as observed for the above test parameters only.

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

Note:

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