

Certificate No.: F530101/VIZ/C004730

SGS India Private Limited,
24-1-30, Haroon Manzil,
Thompson street,
Visakhapatnam – 530 001
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SGS

Certificate for High Strength Deformed Steel Bars

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REF: IN/VIZ/IND/20090035

DATE: 24/05/2010

The Certificate is issued to M/s. Steel Exchange India Limited, Paravada, Visakhapatnam, India, to certify that the **High Strength Deformed Steel Bars for Concrete Reinforcement for Grades Fe-415 & Fe-500, Nominal Sizes from 8 mm to 25 mm**, have been manufactured, inspected and tested in compliance with the Standards of IS : 1786 – 2008 ; IS : 2770 (Part-1)

Manufacturer : M/s. Steel Exchange India Limited
"Simhadri TMT"
Office : Plot No. 1, I.D.A Sy. No. 130, Edulapaka Bonangi (V)
Paravada (M), Visakhapatnam – 531 021.
Inspection Dates : 23/12/2009 and 20/01/2010

Sl. No	Description of Tests	Test Results of Steel Bars - Sizes				
		Ø 8 mm	Ø 10 mm	Ø 12 mm	Ø 16 mm	Ø 20 mm
1.	Mechanical Tests, Bend & Rebend Tests	Result – Satisfactory (Test Report No. F701/CE/Str. Div/PT/T.No. 1924/2009-10 Dt. 20.01.2010)				
2.	Chemical Tests	Result – Satisfactory (Test Report No. MTH/TR/7576 to 7581(6 Reports) Dt. 28.12.2009)				
3.	Pull-Out Tests	Result – Satisfactory (Test Report No. BALL/09-10/01/4690/1 to 6(6 Reports) Dt. 29.04.2010)				

QUANTITY : 6 Sizes (Ø 8 mm to Ø 25 mm)
SCOPE OF INSPECTION : Review of Raw-material test certificates, check the quality, to witness Mechanical test and review of chemical test report, as per Standards and Specification.
INSPECTION : Inspection was carried out in accordance with the Specification/ Standards as follows
1. Witnessed Mechanical Tests.
2. Reviewed the test reports of Chemical test.
3. Reviewed the test reports of Pull-Out test.

CONCLUSION : On the basis of our inspection, we found that the **High Strength Deformed Steel Bars for Concrete Reinforcement for Grades Fe-415 & Fe-500**, have been manufactured and tested. Tested values found satisfactory as per the requirements of Standards/ Specifications.

The above reflects our findings at the time and place of inspection only. The information stated in this certificate is derived from the results of inspection or testing procedures carried out in accordance with the instructions of our clients, and /or our assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in our professional opinion be taken into account.

"In accordance with Client's instructions, the Company's involvement has been limited to witnessing/observing a third party's intervention(s) at the third party's laboratory/test house or other facilities and installations used for the intervention(s). The Company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis results.

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For SGS India Private Limited

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Regd. & Corporate Office:
SGS House, 4B, Adi Shankaracharya Marg, Vikhroli (W), Mumbai 400083, India.

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