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**ANDHRA UNIVERSITY**  
**COLLEGE OF ENGINEERING (Autonomous)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
Visakhapatnam 530 003.

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F702/CE/PH&EE/T No. 173/2011-12



Date : 11.10.2011

**TEST REPORT**

Test Conducted by : Public Health and Environmental Engineering Laboratory  
Test Conducted for : M/s Vijay Nirman Company Pvt. Ltd, Coromondel International, Kakinada site.

Reference : Letter No. Lr.dt.01.10.2011.

Description : Testing of submitted Fe-500D grade Simhadri TMT Bars for chemical analysis IS: 1786.

S.No.	PARAMETERS	RESULT / SMAPLE						
		<b>Sample / Result</b>						
		<b>S-1</b>	<b>S-2</b>	<b>S-3</b>	<b>S-4</b>	<b>S-5</b>	<b>S-6</b>	<b>S-7</b>
1	Carbon (C), (%)	0.180	0.166	0.160	0.190	0.186	0.180	0.156
2	Sulfur(S), (%)	0.020	0.019	0.022	0.020	0.024	0.022	0.020
3	Phosphorus (P), (%)	0.035	0.036	0.034	0.032	0.038	0.036	0.030
4	Manganese (Mn), (%)	0.780	0.790	0.770	0.800	0.786	0.795	0.768
5	CE, (%)	0.390	0.394	0.380	0.400	0.390	0.396	0.408

Date of Collection : 01.10.2011

Date of Analysis : 01.10.2011

Sampling point : Fe-500D Simhadri TMT bars of different Diameter submitted by the party – Confirms to IS: 1786.

- Sample -1: 8mm
- Sample -2: 10mm
- Sample -3: 12mm
- Sample -4: 16mm
- Sample -5: 20mm
- Sample -6: 25mm
- Sample -7: 32mm

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*B.V. Sreed L.*  
Testing In-charge

*[Signature]*  
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**HEAD OF THE DEPARTMENT OF  
CIVIL ENGINEERING**

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