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GEO-TECHNICAL ENGINEERING LABORATORY, WALTAIR

To The Divisional Engineer(Central) E. Co. Railway VISAKHAPATNAM	Report No.XEN/GE/WAT/ ST-715/2010 Dated: 05/07/10	EAST COAST RAILWAY DRM(Engg) Office, Behind DRM complex, Dondaparthi, Visakhapatnam-530 004.
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Sub:- Testing of representative reinforcement of steel for physical properties supplied by "Sri G.Tirumala Kumar".

Ref:- DEN/Central's Lr.No.Nil1, dated:02.07.10.

Received 1(one) Steel sample for "Manufacturing of PSC slabs at Loco Shed vide Agt . No.KK.I/10-11 dt:6/4/10" was received at this Laboratory on 02/07/10.

The "Said to be representative sample" was tested for Yield stress, Ultimate Tensile stress and Elongation as per **IS: specifications**.

As regards the testing charges of Rs.1200/- (Rupees one thousand and two hundred only) may please be recovered from Contractor's bill from your end under **Allocation No.93065299** as per your letter cited above. The recovery particulars may please be intimated to this office for further record.

The Test results are given here under for your information and necessary action please.

Lab. Ref. No.	Description	Unit Weight in Kg/m	Yield Stress (N/mm ²) (Avg. of 3 specimens)	Ultimate Tensile Stress (N/mm ²) (Avg. of 3 specimens)	Elongation (%) (Avg. of 3 specimens)
ST-715	25mm dia Tor, SIMHADRI TMT FE-415	3.856	576	684	19.20

Note: The results given pertain to the samples received at the laboratory only.

M. S. J. S. J.
EXECUTIVE ENGINEER(GE),
E. Co. Railway/WALTAIR.

Steel Test Report/PSR

JF/W
05/7/10.