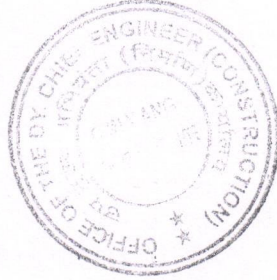


Job No 22

Central Railway

No:-XEN/C/Br.-124-130



Office of the
Dy.Chief Engineer(c)
Ahmednagar
Date:- 09.02.2018.

To, The
Principal
Vikhe Patil Engineering College
Ahmednagar

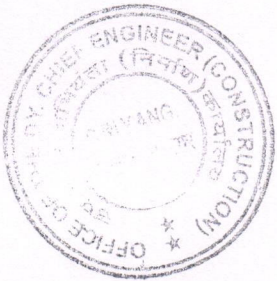
Sub:- Testing of TMT high yield strength steel for execution of Viaduct bridge at ch.124000.00 to 1300000.00 on Ahmednagar-Beed-Parli section.

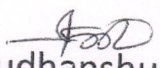
R/Sir,

The work of viaduct bridge is in progress. As per railway specification the steel is required to be tested from Govt. lab. Therefore the sample of 1 m length TMT bar of each dia. which is used in above said Viaduct is sent herewith for testing physical & chemical properties. (IS-2062, IS- 432)

10 mm dia
12mm dia
16mm dia
20 mm dia
25 mm dia
32 mm dia

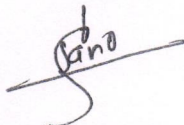
The prescribed charges will be paid by M/s Shri A.G.Construction.Aurangabad.

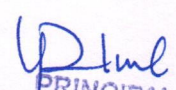



Sudhanshu kumar
Sr.Section Engineer
C.Rly. Ahmednagar
Sr. SECTION ENGINEER (Wks/Constn.)
CENTRAL RAILWAY, AHMEDNAGAR

Testing charges - 2100/-

Receipt No - 03640
dated - 9/2/2018


Dr. S. L. Hake


PRINCIPAL
Dr. Vilhalrao Vikhe Patil
College of Engineering
Ahmednagar



Dr. Vithalrao Vikhe Patil Foundation's
DR. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING,
AHMEDNAGAR.

Ref.No. CEA/CED/TESTING/17-18/

Date: - 21/02/2018.

TEST RESULTS ON TMT STEEL

Name of Party & Address: - Sr. Section Engineer (C), Central Railway Ahmednagar.

Subject: - Testing of TMT steel.

Ref. Letter No. : - XEN/C/Br.-124-130, Date:-09/02/2018.

Testing Charges: Rs. 2100/-

Paid Vide Receipt No. : 03640, Date: - 09/02/2018.

RESULT

Tension Test on Steel bar

Sr. No	Dia. of Bar (mm)	Leng th of Bar (m)	Wt. of Bar (gm)	Nominal Dia. of Bar (mm)	Yield Load (N)	Yield Stress (N/m m ²)	Ultima te Load (N)	Ultim ate Stress (N/m m ²)	Final Gauge Lengt h in (mm)	Elong ation (%)
1	10	0.999	601	9.88	44100	575.44	52100	679.83	63.70	27.40
2	12	0.998	921	12.24	86550	735.42	98700	839.57	74.90	24.87
3	16	0.993	1522	15.77	110850	567.73	130850	670.16	97.92	22.40
4	20	1.044	2601	20.11	194200	611.90	223050	702.80	124.22	24.22
5	25	0.998	3844	25.00	264950	539.98	387200	789.14	150.10	20.08
6	32	0.994	6127	31.63	293400	373.65	545450	694.65	189.10	18.19

Tested By

Lab Incharge
Testing of Materials

H.O.D.
Dept. of Civil Engg.

Principal
D.V.V.P.C.O.E. Ahmednagar



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

