



STRENGTH OF MATERIALS LABORATORY
DEPARTMENT OF CIVIL ENGINEERING
COLLEGE OF ENGINEERING TRIVANDRUM

CET / ITC & SR No. 678/25-26

22.09.2025

TEST RESULTS (As per IS 1608:2005, 1786: 2008)

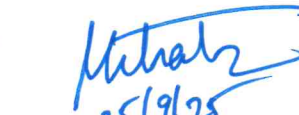
Sl. No	Brand Name	Reported Diameter (mm)	Actual Diameter (mm)	Unit Weight (kg/m)	Yield Strength (N/mm ²)	Ultimate Strength (N/mm ²)	Elongation (%)	Bend & Rebend
13	TULSVAN HCRM 550D	20	19.93	2.45	723.26	770.42	19.00	OK
14		20	20.04	2.48	653.14	715.34	18.00	OK
15		20	20.03	2.47	684.78	762.60	16.00	OK
16	SURVADEV 550 D	25	25.33	3.96	564.51	642.37	13.60	OK
17		25	25.29	3.94	576.02	644.36	13.60	OK
18		25	25.24	3.93	568.54	646.96	14.40	OK


Sri.Joy J

TECHNICAL STAFF -IN-CHARGE


Dr. Deepu S R

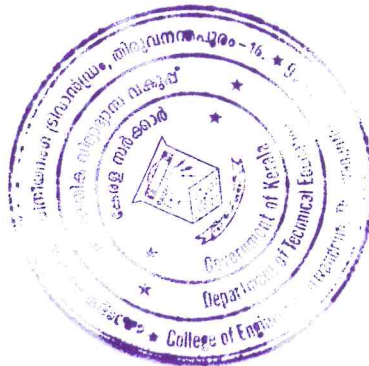
FACULTY -IN-CHARGE


Dr. Mitra DC

LAB-IN-CHARGE

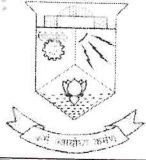

Dr. Priyadarsini R.S

HEAD OF THE DEPARTMENT




PRINCIPAL
കോളേജ് ഓഫ് എഞ്ചിനീയറിംഗ്
ട്രിവാൻദ്രം, തിരുവനന്തപുരം 16





STRENGTH OF MATERIALS LABORATORY
DEPARTMENT OF CIVIL ENGINEERING
COLLEGE OF ENGINEERING TRIVANDRUM

CET / ITC & SR No. 678/25-26 *

23.09.2025

To,

Mr.Sivankutty.G

Senior General Manager – Projects & Division Head,

Confident Projects – Residential,Medical College.P.O.

Trivandrum - 695011

Sub. : Testing of TMT bars - reg

Ref. : 1)Letter No : NIL dated 21.08.2025

2) CET / ITC & SR No 678/25-26 dated 26.08.2025

TEST RESULTS (As per IS 1608:2005,1786: 2008)

Sl. No.	Brand Name	Reported Diameter (mm)	Actual Diameter (mm)	Unit Weight (kg/m)	Yield Strength (N/mm ²)	Ultimate Strength (N/mm ²)	Elongation (%)	Bend & Rebend
1	SURYADEV 550D	8	7.99	0.39	605.92	674.32	15.00	OK
2		8	7.97	0.39	589.32	667.89	25.00	OK
3		8	7.98	0.39	607.44	685.81	12.50	OK
4		10	9.61	0.57	588.70	676.66	12.00	OK
5		10	9.56	0.56	594.00	682.76	14.00	OK
6		10	9.56	0.56	600.83	682.76	12.00	OK
7	TULSYAN HCRM 550D	12	12.12	0.91	557.32	629.64	16.67	OK
8		12	11.69	0.84	593.80	685.15	15.00	OK
9		12	11.62	0.83	605.49	697.93	13.33	OK
10	SURYADEV 550D	16	15.99	1.58	659.67	752.51	13.75	OK
11		16	15.98	1.58	660.49	752.98	12.50	OK
12		16	15.98	1.57	660.08	753.45	15.00	OK

From

Principal

To

Mr.Sivankutty. G,
Senior General Manager-Project&Division Head,Confident Group,
T.C.94/3675, Kannammoola,Medical College P.O,
Trivandrum-695011.

Sir,

Sub:- College of Engineering, Thiruvananthapuram- forwarding of test -reg

Ref:-

I am forwarding herewith the test result

Enclosure

1. Test result no CET/ITC & SR 678/25-26 dated 23.09.2025.

Yours faithfully

Sd/-

Krishna Raj.R.k
Administrative Assistant
(For Principal)

Forwarded / By Order


Senior Superintendent

