



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

CET / ITC & SR No. 329/26-27

31.07.2026

To,

Mr.Sivankutty.G

Senior General Manager – Projects & Division Head,Confident Group
Confident Tower,Second Floor TC:92/2034/10 Near IMA,
Kadakampally Road,NH-66,Chackai Anayara.P.O.
Trivandrum - 695029

Sub. : Testing of TMT bars - reg

Ref. : 1)Letter No : NIL dated. 20.07.2026

2) CET / ITC & SR No .329 /26-27 dated. 27.07.2026

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

Sl. No	Brand Name	Reported Diameter (mm)	Unit Weight (kg/m)	Actual Diameter (mm)	Yield Strength (N/mm ²)	Ultimate Strength (N/mm ²)	Elongation (%)	Bend & Rebend
1	SURYA DEV 550 D	8	0.41	8.12	606.32	719.91	20.00	OK
2		8	0.41	8.12	606.32	719.91	20.00	OK
3		8	0.41	8.12	604.83	718.14	20.00	OK
4		10	0.59	9.78	600.82	692.16	18.00	OK
5		10	0.60	9.86	598.37	689.33	18.00	OK
6		10	0.60	9.80	597.15	674.95	18.00	OK
7		12	0.89	11.95	638.63	717.27	18.33	OK
8		12	0.89	11.95	647.38	726.62	18.33	OK
9		12	0.88	11.94	648.46	718.47	18.33	OK
10		16	1.54	15.77	602.81	693.14	18.75	OK
11		16	1.55	15.78	602.40	692.26	18.75	OK
12		16	1.55	15.78	602.40	692.26	20.00	OK



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13	SURAYADEV 550 D	20	2.45	19.88	648.01	758.55	18.00	OK
14		20	2.46	19.89	663.15	757.79	18.00	OK
15		20	2.45	19.88	663.82	758.55	19.00	OK
16		25	3.88	24.99	600.14	680.07	16.80	OK
17		25	3.88	24.99	589.19	678.98	16.80	OK
18		25	3.88	24.99	599.18	678.98	16.80	OK

Sri. Joy J

TECHNICAL STAFF -IN-CHARGE

Dr. Deepa Raj S

FACULTY -IN-CHARGE

Dr. Mitra D C

LAB-IN-CHARGE

Dr. Priyadarsini R.S

HEAD OF THE DEPARTMENT



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