



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

CET / ITC & SR No. 145/26-27

05.06.2026

To,

Mr.Sivankutty.G  
Senior General Manager – Projects & Division Head,  
Confident Group,Kannammoola TC:94/3675,  
Medical College.P.O.  
Trivandrum - 695011

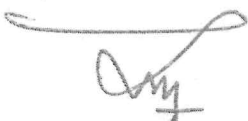
Sub.: Testing of TMT bars - reg


Ref.: 1)Letter No : NIL dated. 29.05.2026

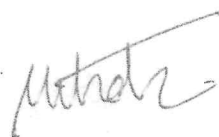
2) CET / ITC & SR No .145 /26-27 dated. 30.05.2026

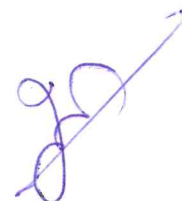
**TEST RESULTS** (As per IS 1608:2005,1786: 2008)

Sl. No	Brand Name	Reported Diameter (mm)	Unit Weight (kg/m)	Actual Diameter (mm)	Yield Strength (N/mm <sup>2</sup> )	Ultimate Strength (N/mm <sup>2</sup> )	Elongation (%)	Bend & Rebend
1	SURYA DEV 550 D	8	0.39	7.93	707.12	787.87	25.00	OK
2		8	0.39	7.94	705.34	785.89	30.00	OK
3		8	0.39	7.96	661.58	721.66	25.00	OK
4		10	0.59	9.80	668.52	734.66	20.00	OK
5		10	0.59	9.79	669.61	735.86	24.00	OK
6		10	0.59	9.79	662.99	729.24	24.00	OK
7		12	0.88	11.93	661.10	737.00	16.67	OK
8		12	0.88	11.96	657.35	737.26	25.00	OK
9		12	0.88	11.93	661.10	737.00	25.00	OK
10		16	1.54	15.81	657.14	781.59	18.75	OK
11		16	1.53	15.77	670.98	780.45	18.75	OK
12		16	1.54	15.79	658.47	772.78	18.75	OK

  
Sri Joy J

  
Prof. Sajitha Begom A

  
Mitha  
4/6/26  
Dr. Mitha .D.C





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13	SURAYADEV 550 D	20	2.48	20.06	648.75	740.71	20.00	OK
14		20	2.48	20.06	648.23	740.12	25.00	OK
15		20	2.48	20.07	617.11	739.53	20.00	OK
16		25	3.88	25.08	558.46	646.72	20.00	OK
17		25	3.88	25.08	558.46	636.91	20.00	OK
18		25	3.86	25.03	560.51	649.09	20.00	OK

Sri. Joy J

TECHNICAL STAFF -IN-CHARGE

Prof. Sajitha Beegom A

FACULTY -IN-CHARGE

Dr. Mithra D C

LAB-IN-CHARGE

Dr. Priyadarsini R.S

HEAD OF THE DEPARTMENT



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