

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
DIVISION OF CIVIL ENGINEERING
SCHOOL OF ENGINEERING
COCHIN UNIVERSITY P.O., KOCHI - 682022, KERALA

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Ref.No: CUSAT/168/04/21-22/0022
T.O Date: 17.04.2021
Report Date: 19.04.2021

Confident Projects Residential
SA Road, Vyttila

TEST REPORT ON PHYSICAL PROPERTIES OF REINFORCING STEEL

Source of sample : Sample supplied by the Customer
No. of Samples : 6 set
Customer Reference* : Letter Dated on 17.04.2021
Project name* : Not Specified
Sample reference : 8mm, 10mm, 16mm, (Broken), 16mm, 20mm, 25mm
Condition of Samples : Satisfactory
Brand/ Type* : TULSYAN
Date of Test : 19.04.2021
Test Method : IS 1608-2005(Reaffd 2011), IS 1786-2008(Reaffd 2013)
CUSAT Reference : PLB3/17870/2007 dated 24.07.2017

PHYSICAL PROPERTIES:

Sl. No	Sample Dia	Brand*	Weight per Meter (kg)	0.2% Proof-Stress(N/mm ²)	UTS (N/mm ²)	Elongation (%)
1.	8 mm	Fe 500	0.382	540	680	25
2.	10 mm	Fe 500	0.592	538	679	26
3.	16 mm	Fe 500	1.536	631	905	12.5
4.	16 mm	Fe 500	1.568	552	691	18.5
5.	20 mm	Fe 500	2.502	500	668	22
6.	25 mm	Fe 500	3.862	543	687	21.5

*As Furnished by the Customer

- Note:
1. The results relate only to the samples tested.
 2. Report shall not be reproduced, except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

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