



COCHIN SHIPYARD CENTRAL LABORATORY

Cochin Shipyard Limited, Perumanoor PO., Kochi-682015
Tel : +91 484 2501242/2501224, Fax : +91 484 2370897
Email : laboratory@cochinshipyard.com



TEST REPORT

Customer: M/s. CONFIDENT PROJECTS (INDIA) PVT LTD #868/2,S.A ROAD VYTILLA KOCHI 682019 INDIA	Test Report No :	CSCS/TR/0005271/01/00/17-18	Date :	13.09.2017
	Test Revision No :	00		
	SRF No :	20170830E0005271	Date :	30.08.2017
	Your Reference :	No.Nil dt.30.08.2017		
	Test Reference :	BEND TEST-IS 1599:12(RA 2017);MASS PER METER-CSCL/SOP/Mech-03;TENSILE TEST-IS 1608:05(RA 2017)		
Report Issued To :	Date of Completion :	13.09.2017		
M/s CONFIDENT PROJECTS (INDIA) PVT.	Test Witnessed By :	NA		
	Sample Description:	Steel		

TEST RESULT

MASS PER METER

1) Sample Name: : TMT Bar

Sl. No.	Sample ID	Mass per Meter(kg)
1.	8 mm-1	0.380
2.	10 mm-1	0.599
3.	12 mm-1	0.850
4.	16 mm-1	1.557
5.	20 mm-1	2.366
6.	25 mm-1	3.791

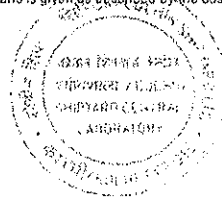
TENSILE TEST

1) Sample Name: : TMT Bar

Sl. No.	Sample Id	YS(N/mm ²)	UTS(N/mm ²)	Elong. in GL 5.65(A)(%)
1	8 mm-2	526.9	621.9	25.5
2	10 mm-2	599.2	667.5	18.4
3	12 mm-2	549.3	659.9	20.3

Note:

* This parameter does not come under NABL Accreditation. NA - Not Applicable. This Test Report refers ONLY to the samples submitted for the tests. This Test Report may not be reproduced except in full, without prior approval and cannot be used as evidence in a court of law and shall not be used in advertising media without prior permission in writing. Any correction not attested shall invalidate this report. Samples will be destroyed after 60 days from the date of completion of test. Any complaints about this report should be communicated in writing within 7 days of receipt of this report. Sample description is not verified in all cases and is given as described by the customer. Samples are not drawn by us.



Test Report No.	CSCL/TR/0005271/01/00/17-18
-----------------	-----------------------------

Sl. No.	Sample Id	YS(N/mm2)	UTS(N/mm2)	Elong. in GL 5.65√A(%)
4	16 mm-2	468.3	574.4	25.0
5	20 mm-2	570.4	673.1	18.2
6	25 mm-2	541.9	637.0	19.4

Parameter Description : YS:YIELD STRENGTH,UTS:ULTIMATE TENSILE STRENGTH,Elong. in GL 5.65√A:ELONGATION IN GAUGE LENGTH 5.65√A

BEND TEST

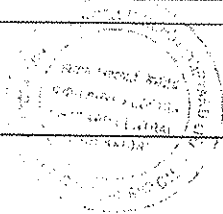
1) Sample Name: : TMT Bar

Sl. No.	Sample ID	Mandrel Dia./Degree of Bend	Observation
1	8 mm-3	4Φ/180°	Pass
2	10 mm-3	4Φ/180°	Pass
3	12 mm-3	4Φ/180°	Pass
4	16 mm-3	4Φ/180°	Pass
5	20 mm-3	4Φ/180°	Pass
6	25 mm-3	5Φ/180°	Pass

Checked by

Jenny Johnson
JENNY JOHNSON

END



For C S C Laboratory

A Megarathin
Authorized Signatory

A MEGARATHIN
Quality Manager