



# METASIS LAB

Chemical, Physical, Metallurgical Testing of Metals, Noise, Vibration,  
Surface Roughness, Salt Spray, PMI, Test, Lux Measurement  
AN ISO 9001:2015 CERTIFIED

B-13, Opp. Kolhapur Axle Ltd., MIDC Shiroli, Kolhapur - 416122. Coll : +9922437590, 7721995959,  
Email : kolhapurmetasys@gmail.com, Website : www.metalltestinglab.net

## TEST REPORT

M/s Indo - Spark Construction Services  
Kolhapur

Test Report No.- G 9618  
Date - 01.03.2025

Your Ref. - Challan No. - 6832

Date - 26.02.2025

Sample Description - TBA M 12 x 100, Wedger Ancher ( Stud )  
Material - 5.8

The above sample has been tested and results are as below

Chemical Analysis			Plating Thickness	
Element	Observed	Specified		
	%	Min	Max	18 - 23 $\mu$ m ( Micron )
C %	0.105	----	0.550	
S %	0.013	----	0.060	
P %	0.017	----	0.050	

Remark- Chemical report of sample material tested as meet with the requirement of IS 1367(Part 3) : 2002 Class 5.8

METASIS Lab  
MIDC SHIROLI  
Authority Signature

P.T.O. - Terms & Conditions



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## TEST REPORT

M/s Indo - Spark Construction Services  
Kolhapur

Test Report No.- G 9622  
Date - 01.03.2025

Your Ref. - Challan No. - 6832

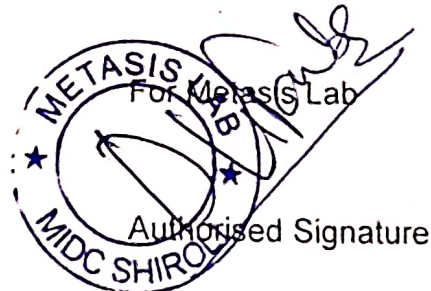
Date - 26.02.2025

Sample Description - TBA M 12 x 100, Wedger Ancher ( Nut )  
Material - 5.8

The above sample has been tested and results are as below

Chemical Analysis				Plating Thickness	
Element	Observed	Specified		34 - 39 $\mu\text{m}$ ( Micron )	
	%	Min	Max		
C %	0.157	----	0.550	Hardness In HRB	
S %	0.012	-----	0.060	Observed	Specified
P %	0.016	-----	0.050	92 - 93	82 Min.

Remark- Chemical report of sample material tested as meet with the requirement of IS 1367(Part 3) : 2002 Class 5.8



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## TEST REPORT

M/s Indo - Spark Construction Services  
Kolhapur

Test Report No.- G 9624  
Date - 01.03.2025

Your Ref. - Challan No. - 6832

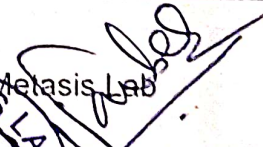
Date - 26.02.2025

Sample Description - TBA M 12 x 100, Wedger Ancher ( Washer )

Material - 5.8

The above sample has been tested and results are as below

Plating Thickness	Hardness In HRB	
	Observed	Specified
16 - 20 $\mu\text{m}$ ( Micron )	85 - 86	82 Min.

  
METASIS LAB  
MIDC SHIROLI  
Authorized Signature

P.T.O. - Terms & Conditions

**INDO-SPARK CONSTRUCTION SERVICES**

**FINAL INSPECTION REPORT**

**DATE** 27/02/2025  
**BATCH** -  
**NO** -  
**QTY** 7200

**DRG .NO** 212 158 100  
**REV**  
**NUMBER** 0  
**PART**  
**NAME** TBA 12X100 MM

BALLOON NO	PARAMETER	SPECIFICATION	INSTRUMENT	INSPECTION FREQUENCY	JOB NO				
					1	2	3	4	5
1	TOTAL LENGTH	100 +/- 1	VERNIER	5 IN BATCH	101.16	101.35	101.14	101.1	100
2	CLIP DIA	12	MICROMETER	5 IN BATCH	12.02	11.88	11.98	11.99	12.00
3	CLIP LENGTH	20	VERNIER	5 IN BATCH	20	20	20.2	19.99	20.1
4	THREADING	M12 X 1.75	THREAD PLUG GAUGE	5 IN BATCH	OK	OK	OK	OK	OK
5	BATCH IDENTIFICATION	As per ISO 898	VISUAL	REPORT TO CONFIRM	OK	OK	OK	OK	OK
6	SPECTRO	As per ISO 898	SPECTORMETER	REPORT TO CONFIRM	OK	OK	OK	OK	OK
7	TENSILE TEST REPORT	I-20820	TENSILE TEST MACHINE	REPORT TO CONFIRM	OK	OK	OK	OK	OK
8	ZINC PLATING THICKNESS	ISO 4042	DFT METER		OK	OK	OK	OK	OK

**OTHER**

- 1) MATERIAL TEST REPORT : SPECTRO                      G9618  
REPORT No
- 2) MATERIAL TEST REPORT : TENSILE Test                      -  
Report No
- 3) HEAT TREATMENT REPORT :                      Not Applicable
- 4) Zinc                      G9618

SPECTRO REPORT	Specification as per ISO 898	OBSERVED
C (%)	0-0.55 MAX	0.105
P (%)	0-0.050 MAX	0.017
S (%)	0-0.060	0.013
Tensile Test		

Checked By

*Jatuh*

Approved By

