

TEST REPORT

Test Report Issued To:

CLIFF SCAFFOLDINGS (P) LTD.

PLOT NO-129A,NSEZ, NOIDA, UTTAR PRADESH, INDIA,
201305,

Test Report No: D190927016/D190927016-2

Date of Issue: 28-Sep-2019



Sample Booking/Receipt Date: 27-Sep-2019

Date of Start of Testing: 27-Sep-2019

Date of Completion of Test: 28-Sep-2019

Customer Relationship Number 16198

Sample Description :

BOLT, 8.8 GRADE



Customer Reference No :

SL.NO. - 1301

Kind Attention : MR.NIKHIL SINGLA

E-Mail:

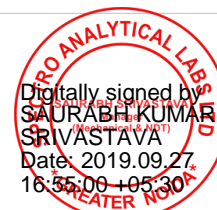
Contact No:

Sample Condition: NA

Sample Quantity (Approx) : NA

Sample Size (Approx) : NA

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED



ULR-TC631419000054709F

Report Issued by

Authenticity of report can be verified by mail at verification@spectrolab.in

This is a Digitally Signed Report and hence doesn't require Physical Signature.

Spectro Analytical Labs Limited S-1, GNEPIP, Surajpur Industrial Area, Phase-V, Kasna, Greater Noida-201308 (India)

Phone : +91-120-2341250,2341251 || URL : www.spectro.in || Email: care@spectro.in

BIS & DDA Approved, ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory
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TEST REPORT


LOW ALLOY STEEL

Date: 9/27/2019 4:36:56PM
 Sample ID: ID-D190927016-2

Program: Fe-10-X
 Comment: C/Fe

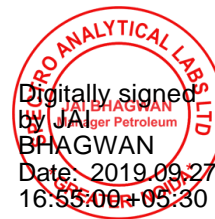
Element	%	Specified	Conformity	TestMethod
Carbon	0.428	0.25 Min - 0.55 Max	Yes	ASTM E-415-2017
Silicon	0.199	---	---	--do--
Manganese	0.762	---	---	--do--
Sulphur	<0.008	0.035 Max	Yes	--do--
Phosphorus	0.016	0.035 Max	Yes	--do--
Chromium	0.179	---	---	--do--
Nickel	0.008	---	---	--do--
Molybdenum	<0.01	---	---	SOP/CHE/00-LAS
Copper	<0.01	---	---	ASTME-415-2017
Aluminium	0.031	---	---	--do--
Cobalt	<0.008	---	---	SOP/CHE/00-LAS
Niobium	<0.008	---	---	--do--
Vanadium	<0.005	---	---	ASTM E-415-2017
Tungsten	<0.008	---	---	SOP/CHE/00-LAS
Nitrogen	0.007	---	---	--do--
Titanium	0.003	---	---	ASTM E-415-2017
Lead	0.005	---	---	SOP/CHE/00-LAS
Boron	<0.001	0.003 Max	Yes	--do--
Zirconium	<0.004	---	---	IS 8811:1998 (RA 2012)

Remark : Sample Conforms to Grade IS-1367 (Pt-3),Gr-8.8 (2) with respect to above test.


 Analyst Signature



ULR-TC631419000054709F



Authorised Signatory

TEST REPORT

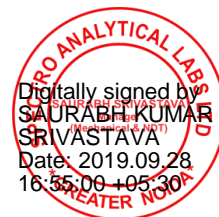
ID – D190927016-2

Mechanical Testing

S.No.	Test Parameter	Observed Readings	Average of three Readings	Test Method	Requirement as per IS 1367(Part-3) - 2002 Gr 8.8	Conformity
1	Vickers Hardness Number(HV5)	286,280,283	283.0	IS 1501(Part-1)2013	250-320	Yes

-- End of Test Report --

ULR-TC631419000054709F



Authorised Signatory


Analyst Signature



Testing(TC-6314)