

Muhammad Talha Khan

Test Performed By:

Dr. /Engr.

S Asad Ali Gillani

Mechanical Engineer, Mechanical Lab Naqsh-e-Lasani House, 358 G.T.Road, Al Fazal Colony Dhobi Gate Stop

Client Reference: nil

Dated: 01-03-2019

SOM Lab Ref: CED/SOM/390(Page-1/1)

Dated: 01-03-2019

Test: Tension Test & Bend Test

Test Specification: ASTM-

Sample Type: Stainless Steel Rod (Round Bar)

Gauge Length: 200 mm

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.228	19	19.02	284	284	0.00	228.50	0	0	806	805	3.0	50	6.0	
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BEND TEST:

--	No Bend test performed	Note:- Only One Sample Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Wasif Anwar
Project Manager, Naveena Developers, Lahore

Test Performed By: Dr. /Engr. M Rizwan Riaz

Client Reference: 4277/4287

SOM Lab

Ref: 391 (Page-1/1)

Dated: 01-03-2019

Dated: 01-03-2019

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.666	4	0.500	0.20	0.196	6.07	9.23	66890	68250	101730	103810	1.00	8.0	12.5	
2	0.659	4	0.497	0.20	0.194	6.09	8.94	67110	69190	98580	101630	1.20	8.0	15.0	
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Farrukh Jamal
 Project Manager, Unicon Consulting Services (Pvt) Ltd. Lahore

Test Performed By: Dr. /Engr. M Riazwan Riaz

Client Reference: nil
 Dated: 19-02-2019
 Test: Tension Test

SOM Lab
 Ref: 392(Page-1/1)
 Dated: 01-03-2019

Test Specification: ASTM-A-615
 Deformed
 Bar

Gauge Length: 8 inch

Sample Type:

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.593	8	0.985	0.79	0.762	28.66	35.19	80030	82970	98240	101850	1.70	8.0	21.3	
2	2.612	8	0.989	0.79	0.768	28.87	35.65	80590	82900	99520	102370	1.20	8.0	15.0	
3	1.500	6	0.749	0.44	0.441	13.93	22.19	69850	69690	111230	110980	1.10	8.0	13.8	
4	1.494	6	0.748	0.44	0.439	13.86	22.04	69490	69650	110470	110720	1.20	8.0	15.0	
5	0.735	4	0.524	0.20	0.216	6.12	9.86	67450	62450	108700	100650	1.30	8.0	16.3	
6	0.720	4	0.520	0.20	0.212	5.98	9.63	65990	62250	106230	100210	1.40	8.0	17.5	
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BEND TEST:

--	No Bend test performed	Note:- Only Six Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk