

Muhammad Shaukat

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Manager M&C Shajar Roads Limited.(Dualization of Sheikupura-Gujranwal Road)

Client Reference: MMC/SRL/SGRP/165

Dated: 06-12-2021

SOM Lab Ref: CED/SOM/5437(Page-1/1)

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar (Batala Steel)

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	0.868	12	11.89	113	111	51.50	77.20	455	464	683	696	27.5	200	13.8	
2	0.870	12	11.88	113	111	51.50	76.70	455	465	678	693	32.5	200	16.3	
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BEND TEST:

12mm	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

Sub Divisional officer,

Test Performed By:

Dr. /Engr. S Asad Gillani

HSD,Sialkot.(Const. Of Flyover at Shahabpura Chowk Defence Rd On Sialkot Wazirabad Road)

Client Reference: 1093/S

SOM Lab

Ref: 5434(Page-1/1)

Dated: 15-11-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed 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	1.505	6	0.750	0.44	0.442	14.12	18.81	70770	70450	94270	93840	1.20	8.0	15.0	
2	1.503	6	0.750	0.44	0.442	13.83	18.52	69340	69020	92840	92420	1.40	8.0	17.5	
3	1.504	6	0.750	0.44	0.442	14.22	18.93	71280	70960	94880	94460	1.30	8.0	16.3	
4	0.676	4	0.503	0.20	0.199	6.29	7.95	69360	69710	87680	88120	1.10	8.0	13.8	
5	0.666	4	0.500	0.20	0.196	6.52	9.19	71940	73410	101390	103460	1.20	8.0	15.0	
6	0.674	4	0.502	0.20	0.198	6.24	8.10	68800	69490	89370	90270	1.40	8.0	17.5	
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BEND TEST:

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

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

Lt Col Muhammad Asif ®

Test Performed By:

Dr. /Engr.

S Asad Gillani

Bismillah Housing Society-II, Mustafa Abad.

Client Reference: Nil

SOM Lab

Ref:

5435(Page-1/1)

Dated: 07-12-2021

Dated:

08-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed 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	0.513	4	0.438	0.20	0.151	3.69	5.66	40700	53900	62390	82630	1.70	8.0	21.3	
2	0.654	4	0.494	0.20	0.192	7.77	9.33	85660	89230	102860	107140	1.00	8.0	12.5	
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BEND TEST:

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

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

Sub Divisional officer,

Test Performed By: Dr. /Engr. S Asad Gillani

BSD.No.8 LHR.(Cons.Of 3-N Class Room With Stair Hall and Mumty & 4-N Clss Room &Toilet Block)

Client Reference: 221-22/8`th

SOM Lab

Ref: 5436(Page-1/1)

Dated: 11-11-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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	1.482	6	0.745	0.44	0.436	11.42	17.40	57230	57750	87220	88020	1.40	8.0	17.5	
2	1.517	6	0.754	0.44	0.446	11.52	17.69	57740	56960	88650	87460	1.50	8.0	18.8	
3	0.654	4	0.494	0.20	0.192	5.25	7.67	57890	60310	84530	88060	1.50	8.0	18.8	
4	0.647	4	0.492	0.20	0.190	5.20	7.67	57330	60350	84530	88980	1.40	8.0	17.5	
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BEND TEST:

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

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

Israr Ullah Khan

Test Performed By: Dr. /Engr. S Asad Gillani

RE Nespak,Lahore.(Const. of Underpass Across Bedian Rd Connecting Ph-IX,DHA Lahore)

Client Reference: 3790/102/IUK/UET/01/10

SOM Lab

Ref: 5438(Page-1/1)

Dated: 07-12-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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	0.658	4	0.496	0.20	0.193	7.46	8.72	82290	85270	96110	99600	0.90	8.0	11.3	Mughal
2	0.666	4	0.500	0.20	0.196	7.29	8.74	80370	82010	96340	98300	0.90	8.0	11.3	Mughal
3	0.656	4	0.496	0.20	0.193	6.57	8.84	72510	75140	97460	100990	0.90	8.0	11.3	S.J
4	0.635	4	0.488	0.20	0.187	6.60	8.72	72730	77790	96110	102790	1.00	8.0	12.5	S.J
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BEND TEST:

# 4(Mughal)	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 4(S.J)	Sample bend through 180 degrees Satisfactorily without any crack	

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

Sub Divisional officer,

Test Performed By: Dr. /Engr. S Asad Gillani

Building Sub Division, Assembly, Lahore.(Reconstruction Of Pipal House A-Block,Lahore)

Client Reference: '901

SOM Lab

Ref: 5439(Page-1/1)

Dated: 06-12-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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	2.656	8	0.997	0.79	0.781	24.54	33.66	68500	69290	93970	95050	1.50	8.0	18.8	
2	2.652	8	0.996	0.79	0.779	24.57	33.71	68590	69550	94110	95440	1.40	8.0	17.5	
3	1.486	6	0.746	0.44	0.437	13.25	18.27	66430	66880	91560	92190	1.30	8.0	16.3	
4	1.483	6	0.745	0.44	0.436	13.35	18.42	66940	67550	92330	93180	1.30	8.0	16.3	
5	0.596	4	0.472	0.20	0.175	5.27	7.72	58120	66420	85100	97250	1.30	8.0	16.3	
6	0.602	4	0.475	0.20	0.177	5.40	7.72	59580	67320	85100	96150	1.30	8.0	16.3	
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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

Sub Divisional officer,

Test Performed By: Dr. /Engr. S Asad Gillani

The Punjab Employees Social Security Inst.LHR.(Const.of Social Security Health Facility At Taunsa)

Client Reference: SS.WW.(206)21/335

SOM Lab

Ref: 5440(Page-1/1)

Dated: 08-12-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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	0.679	4	0.505	0.20	0.200	7.34	9.07	80940	80940	100050	100050	1.20	8.0	15.0	
2	0.679	4	0.505	0.20	0.200	7.26	8.97	80040	80040	98920	98920	1.10	8.0	13.8	
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BEND TEST:

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

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

Agha Steel Industries,
Plot No. N.W.I.Z/1/P-133, D-2, Port Qasim Authority, Karachi.

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: Nil

SOM Lab

Ref: 5441(Page-1/1)

Dated: 28-11-2021

Dated: 08-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Agha Steel)

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	2.646	8	0.995	0.79	0.778	24.16	34.51	67450	68490	96330	97820	1.30	8.0	16.3	
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BEND TEST:

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

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