

ICON Developers

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Lahore.(Const of Shirazi Bording House Building at Aitchison College,Lahore)

Client Reference: Nil

SOM Lab

Ref:

1454 (Page-1/1)

Dated: 19-12-2022

Dated:

22-12-2022

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	2.621	8	0.990	0.79	0.770	25.74	32.87	71860	73720	91780	94160	1.40	8.0	17.5	
2	2.626	8	0.991	0.79	0.772	25.35	32.57	70780	72430	90920	93040	1.30	8.0	16.3	
3	1.520	6	0.754	0.44	0.447	17.38	20.08	87120	85750	100660	99080	1.30	8.0	16.3	
4	1.520	6	0.754	0.44	0.447	17.18	19.98	86100	84750	100150	98580	1.20	8.0	15.0	
5	0.672	4	0.501	0.20	0.197	7.03	9.07	77560	78750	100050	101570	1.20	8.0	15.0	
6	0.669	4	0.501	0.20	0.197	6.75	8.33	74420	75550	91840	93240	1.40	8.0	17.5	
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BEND TEST:

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

Shujaat Ali
Project Manager, Vision Developers (Pvt) Ltd., Park View City

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

Client Reference: Nil

SOM Lab

Ref: 1455 (Page-1/1)

Dated: 22-12-2022

Dated: 22-12-2022

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	0.673	4	0.502	0.20	0.198	6.19	9.35	68230	68920	103080	104120	1.20	8.0	15.0	
2	0.672	4	0.501	0.20	0.197	6.01	9.04	66320	67330	99710	101230	1.30	8.0	16.3	
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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

Waqas Javaid, PM GOR-I

Test Performed By:

Dr. /Engr.

Nauman Khurram

PMD IDAP Govt Of Punjab (Const Of Suites For Honorable Judges at GOR-I Lahore)

Client Reference: PM/Judges Suites Lhr/IDAP/2022/15713

SOM Lab

Ref: 1456 (Page-1/1)

Dated: 20-12-2022

Dated: 22-12-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Batala 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	0.668	4	0.500	0.20	0.196	5.35	8.21	59020	60220	90490	92340	1.20	8.0	15.0	
2	0.668	4	0.500	0.20	0.196	5.47	8.31	60370	61600	91610	93480	1.30	8.0	16.3	
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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

Manohar Lal

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE Nespak,Gujrat.(Bridge Over Bhimber Nullah on Gujrat Bypass N- Industrial Area-II Gujrat)

Client Reference: 103/BN/ML/Lab/01

SOM Lab

Ref: 1457 (Page-1/1)

Dated: 20-12-2022

Dated: 22-12-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.673	8	1.000	0.79	0.786	21.67	32.36	60500	60810	90360	90820	1.60	8.0	20.0	
2	2.648	8	0.995	0.79	0.778	21.61	32.33	60330	61260	90270	91660	1.80	8.0	22.5	
3	1.516	6	0.754	0.44	0.446	14.85	20.00	74450	73450	100250	98900	1.40	8.0	17.5	
4	1.513	6	0.753	0.44	0.445	15.01	19.78	75210	74370	99130	98010	1.40	8.0	17.5	
5	1.046	5	0.625	0.31	0.307	9.94	13.63	70710	71400	96960	97910	1.30	8.0	16.3	
6	1.054	5	0.628	0.31	0.310	10.37	14.14	73760	73760	100590	100590	1.40	8.0	17.5	
7	0.673	4	0.502	0.20	0.198	6.19	8.81	68230	68920	97120	98100	1.40	8.0	17.5	
8	0.671	4	0.501	0.20	0.197	6.19	8.84	68230	69270	97460	98940	1.20	8.0	15.0	
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BEND TEST:

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