

Muhammad Kashif Ali
Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 298 (Page-1/1)

Dated: 13-05-2022

Dated: 13-05-2022

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	0.658	4	0.496	0.20	0.193	7.21	9.07	79470	82360	100050	103670	1.00	8.0	12.5	
2	0.657	4	0.496	0.20	0.193	7.24	9.14	79810	82710	100830	104490	1.10	8.0	13.8	
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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

M. Afzal Baig

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Sr. Manager (Works) CUI,Lahore Campus.(Renovation/ Upgradation Of Existing Building (IRCBM))

Client Reference: Nil

SOM Lab

Ref: 299 (Page-1/1)

Dated: 25-04-2022

Dated: 13-05-2022

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	1.502	6	0.749	0.44	0.441	12.74	18.50	63870	63730	92740	92530	1.20	8.0	15.0	
2	0.678	4	0.503	0.20	0.199	6.19	9.19	68230	68580	101390	101900	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

Ilyas Majeed Sheikh
Chairman Eagle Developers. (Dream Galleria Lahore)

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

Client Reference: Nil

SOM Lab

Ref: 300 (Page-1/1)

Dated: 13-05-2022

Dated: 13-05-2022

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	2.628	8	0.991	0.79	0.772	22.70	30.89	63380	64860	86230	88240	1.30	8.0	16.3	
2	1.506	6	0.751	0.44	0.443	16.74	20.49	83900	83330	102700	102010	1.20	8.0	15.0	
3	0.667	4	0.500	0.20	0.196	6.29	8.41	69360	70770	92740	94630	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

Variant
Gulberg 2 Lahore.

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

Client Reference: VA/29/08

SOM Lab

Ref: 301 (Page-1/1)

Dated: 13-05-2022

Dated: 13-05-2022

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	2.647	8	0.995	0.79	0.778	27.62	36.24	77120	78310	101170	102730	1.30	8.0	16.3	
2	2.644	8	0.995	0.79	0.777	27.70	36.34	77320	78620	101450	103150	1.20	8.0	15.0	
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BEND TEST:

# 8	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. Asad Ali Gillani

HSD Daska.(Widening Of Bridge On Darbar Canal Opposite Judicial Complex Daska)

Client Reference: 137/D

SOM Lab

Ref: 302 (Page-1/1)

Dated: 10-05-2022

Dated: 13-05-2022

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	1.052	5	0.627	0.31	0.309	9.12	15.04	64910	65120	106970	107320	0.80	8.0	10.0	
2	1.061	5	0.630	0.31	0.312	9.25	15.16	65780	65360	107840	107150	1.20	8.0	15.0	
3	0.640	4	0.489	0.20	0.188	5.40	8.58	59580	63380	94650	100690	1.20	8.0	15.0	
4	0.625	4	0.484	0.20	0.184	5.22	8.41	57560	62560	92740	100800	1.10	8.0	13.8	
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BEND TEST:

# 5	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six 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

Asif Shahzad

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Assistant Project Engr, Building Section DHA Gujranwala.(Const Of Villas (Block-E))

Client Reference: 111/3/APE Bldgs/Gen/16

SOM Lab

Ref:

304 (Page-1/1)

Dated: 12-05-2022

Dated:

13-05-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AFCO 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	0.667	4	0.500	0.20	0.196	7.61	9.40	83970	85680	103640	105760	0.90	8.0	11.3	
2	0.668	4	0.500	0.20	0.196	7.85	9.81	86560	88320	108140	110340	0.80	8.0	10.0	
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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

Projet Managers

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lahore.(Allied Bank Ltd Plot No. 14 Block A3 Gulberg III Lahore)

Client Reference: Nil

SOM Lab

Ref: 305 (Page-1/1)

Dated: 13-05-2022

Dated: 13-05-2022

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	2.570	8	0.980	0.79	0.755	25.15	34.00	70210	73460	94910	99310	1.40	8.0	17.5	
2	2.611	8	0.988	0.79	0.767	24.94	34.02	69640	71730	94970	97810	1.30	8.0	16.3	
3	1.510	6	0.752	0.44	0.444	13.76	17.96	68980	68360	90030	89220	1.20	8.0	15.0	
4	1.501	6	0.749	0.44	0.441	13.81	17.94	69240	69080	89930	89720	1.30	8.0	16.3	
5	1.077	5	0.635	0.31	0.317	10.01	14.14	71220	69650	100590	98370	1.20	8.0	15.0	
6	1.052	5	0.627	0.31	0.309	9.63	12.84	68540	68760	91380	91670	1.20	8.0	15.0	
7	0.676	4	0.503	0.20	0.199	6.37	8.05	70260	70610	88800	89250	1.30	8.0	16.3	
8	0.673	4	0.502	0.20	0.198	6.22	7.90	68570	69260	87120	88000	1.30	8.0	16.3	
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Witnessed By: M Anus.(officer Civil)

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