

Abid Mann
Construction Manager One Liberty Lahore.

Test Performed By: Dr. /Engr. Asad Gillani

Client Reference: OL/2021/12/01
Dated: 06-12-2021
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 5418(Page-1/1)
Dated: 06-12-2021
Test Specification: ASTM-A-615
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	2.790	8	1.022	0.79	0.820	24.87	40.37	69440	66900	112690	108570	1.00	8.0	12.5	
2	2.703	8	1.005	0.79	0.794	24.67	40.08	68870	68520	111900	111330	1.00	8.0	12.5	
3	1.433	6	0.732	0.44	0.421	12.13	21.15	60810	63550	106020	110810	1.10	8.0	13.8	
4	1.441	6	0.734	0.44	0.423	12.13	21.33	60810	63250	106890	111190	1.00	8.0	12.5	
5	0.666	4	0.500	0.20	0.196	5.58	8.79	61490	62750	96900	98880	1.20	8.0	15.0	
6	0.667	4	0.500	0.20	0.196	5.71	8.87	62950	64240	97800	99790	1.10	8.0	13.8	
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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

Engr. M Abbas

Test Performed By: Dr. /Engr. Asad Gillani

RE City Survey & Engineering Consultants.(Green View Executive Apartments Ph-V)

Client Reference: GVA/RE/02/21

SOM Lab

Ref: 5419(Page-1/1)

Dated: 06-12-2021

Dated: 06-12-2021

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	2.669	8	0.999	0.79	0.784	27.24	35.52	76040	76620	99180	99940	1.20	8.0	15.0	
2	2.627	8	0.991	0.79	0.772	26.12	34.30	72910	74610	95760	97990	1.10	8.0	13.8	
3	1.494	6	0.748	0.44	0.439	15.57	20.66	78020	78200	103570	103810	1.10	8.0	13.8	
4	1.568	6	0.766	0.44	0.461	16.43	20.56	82370	78620	103060	98370	1.10	8.0	13.8	
5	0.676	4	0.503	0.20	0.199	7.67	9.40	84530	84960	103640	104160	1.10	8.0	13.8	
6	0.671	4	0.501	0.20	0.197	7.19	8.89	79250	80460	98020	99510	1.00	8.0	12.5	
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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

S.M.Zafar Laiq

Test Performed By:

Dr. /Engr.

S Asad Gillani

Tijaarat Developers,Lahore.(Const. Site Of Opus 30A Block L Gulberg III,Lahore)

Client Reference: TD/UET-OPUS/0419-01

SOM Lab

Ref:

5420(Page-1/1)

Dated: 05-12-2021

Dated:

06-12-2021

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	1.530	6	0.757	0.44	0.450	13.86	20.90	69490	67950	104750	102420	1.20	8.0	15.0	
2	1.520	6	0.754	0.44	0.447	13.63	20.41	68320	67250	102290	100690	1.10	8.0	13.8	
3	0.608	4	0.477	0.20	0.179	5.35	7.46	59020	65940	82290	91940	1.30	8.0	16.3	
4	0.609	4	0.477	0.20	0.179	5.30	7.44	58460	65310	82060	91690	1.30	8.0	16.3	
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BEND TEST:

# 6	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

Muhammad Asif Sr.QS

Test Performed By:

Dr. /Engr.

S Asad Gillani

Thaheem Construction Company (Project: Jadeed poultry Farm at Sanjwal)

Client Reference: TCC/UET/316

SOM Lab Ref: 5421(Page-1/1)

Dated: 04-12-2021

Dated: 06-12-2021

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	1.486	6	0.746	0.44	0.437	12.81	19.69	64230	64670	98720	99390	1.20	8.0	15.0	
2	1.495	6	0.748	0.44	0.439	13.46	23.06	67450	67600	115580	115840	0.90	8.0	11.3	
3	0.643	4	0.491	0.20	0.189	6.12	8.21	67450	71370	90490	95760	1.10	8.0	13.8	
4	0.664	4	0.498	0.20	0.195	6.34	10.55	69920	71710	116340	119330	0.90	8.0	11.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Engr. Hawris Ahmad

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

PMC/Structures Engineerio Tech Group.(Rippah International University Extension Project)

Client Reference: 0193-Q-CE-PK-21/UET-LHR

SOM Lab

Ref: 5422(Page-1/1)

Dated: 06-12-2021

Dated: 06-12-2021

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Mughal)

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	2.567	8	0.980	0.79	0.754	27.70	34.66	77320	81010	96760	101380	1.40	8.0	17.5	
2	2.561	8	0.979	0.79	0.753	27.90	35.29	77890	81720	98520	103360	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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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

Engr. Mian Mubashar Rafiq
PM Union Luxury Apartment, Etihad Town Lahore.

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

Client Reference: UA/SO/2021/007

SOM Lab

Ref: 5423(Page-1/1)

Dated: 06-12-2021

Dated: 06-12-2021

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Afco Steel)

ASTM-A-615

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	2.572	8	0.981	0.79	0.756	25.03	33.64	69870	73010	93910	98140	1.20	8.0	15.0	
2	2.609	8	0.988	0.79	0.767	26.45	34.78	73850	76060	97100	100010	1.10	8.0	13.8	
3	2.605	8	0.988	0.79	0.766	26.45	34.37	73850	76160	95960	98970	1.20	8.0	15.0	
4	2.590	8	0.984	0.79	0.761	29.82	38.58	83240	86410	107710	111820	1.10	8.0	13.8	
5	2.582	8	0.983	0.79	0.759	26.04	34.02	72710	75680	94970	98840	1.20	8.0	15.0	
6	2.636	8	0.993	0.79	0.775	31.29	41.28	87370	89060	115260	117490	1.10	8.0	13.8	
7	2.558	8	0.979	0.79	0.752	28.00	35.52	78180	82130	99180	104190	1.20	8.0	15.0	
8	2.550	8	0.977	0.79	0.749	25.59	33.20	71430	75340	92690	97760	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
# 8	Sample bend through 180 degrees Satisfactorily without any crack	
# 8	Sample bend through 180 degrees Satisfactorily without any crack	
# 8	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