

Maj Adnan khalid®

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Dy Dir MTL, DHA Sector-A, lock Commercial Ph-VI, Lahore Cantt. (M/S Linker Developers Pvt Ltd.)

SOM Lab

Client Reference: 408/241/Estb/Lab/141/55

Ref:

5128 (Page-1/1)

Dated: 08-10-2021

Dated:

11-10-2021

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	2.676	8	1.000	0.79	0.786	22.85	36.48	63810	64130	101850	102370	1.10	8.0	13.8	
2	2.673	8	1.000	0.79	0.786	22.43	37.26	62610	62930	104010	104540	1.00	8.0	12.5	
3	1.488	6	0.746	0.44	0.437	12.74	20.23	63870	64310	101420	102120	1.40	8.0	17.5	
4	1.495	6	0.748	0.44	0.439	12.92	20.25	64740	64890	101530	101760	1.30	8.0	16.3	
5	0.659	4	0.497	0.20	0.194	7.14	9.38	78690	81120	103420	106620	1.10	8.0	13.8	
6	0.646	4	0.492	0.20	0.190	6.92	9.14	76330	80340	100830	106140	1.20	8.0	15.0	
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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

Syed Mohsin Ali
Resident Engineer, QA/QC, Department, Bahria Town, (Pvt) Ltd Lahore

Test Performed By:

Dr. /Engr.

S. Asad Ali
Gillani

Client Reference: QA/QC-Steel-2405

Dated: 07-10-2021

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 5129(Page-1/1)

Dated: 11-10-2021

ASTM-A-615

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	0.608	4	0.477	0.20	0.179	6.93	9.17	76440	85410	101170	113040	1.10	8.0	13.8	
2	0.609	4	0.477	0.20	0.179	6.75	9.02	74420	83150	99480	111150	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

Sub Divisional Officer
Buildings Sub Division, Pattoki

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

Client Reference: 96/P

SOM Lab

Ref: 5130(Page-1/1)

Dated: 07-10-2021

Dated: 11-10-2021

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	12.81	19.72	64230	63940	98870	98420	1.40	8.0	17.5	
2	1.508	6	0.751	0.44	0.443	12.74	19.90	63870	63440	99740	99060	1.30	8.0	16.3	
3	0.640	4	0.489	0.20	0.188	7.00	10.42	77230	82160	114880	122210	1.00	8.0	12.5	
4	0.643	4	0.491	0.20	0.189	6.93	10.40	76440	80890	114660	121330	1.00	8.0	12.5	
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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

M. Naveed
Baig Construction Co., Lahore

Test Performed By: Dr. /Engr. M. Rehan Ashraf

Client Reference: 11102021BCC
Dated: 11-10-2021
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 5132 (Page-1/1)
Dated: 11-10-2021
Test Specification: ASTM-A-615
Sample Type: Deformed Bar (Rebar 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	1.488	6	0.746	0.44	0.437	16.26	21.58	81500	82060	108170	108910	1.00	8.0	12.5	
2	1.491	6	0.747	0.44	0.438	16.31	21.58	81750	82130	108170	108660	1.10	8.0	13.8	
3	0.652	4	0.494	0.20	0.192	8.26	10.37	91050	94850	114320	119080	1.00	8.0	12.5	
4	0.654	4	0.494	0.20	0.192	8.33	10.35	91840	95670	114100	118850	1.00	8.0	12.5	
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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

