

Abdul Baseet

ME Banu Mukhtar Contracting(Pvt.) Ltd.(Burj-1 By AJWA Builders)

Test Performed By:

Dr. /Engr. Nauman Khurram

Client Reference: DOC-BMC/AJWA/155

Dated: 14-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

SOM Lab

Ref: 582 (Page-1/1)

Dated: 15-01-2025

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	1.471	6	0.742	0.44	0.432	13.76	18.25	68980	70260	91460	93160	1.40	8.0	17.5	
2	1.473	6	0.743	0.44	0.433	14.22	18.73	71280	72430	93860	95380	1.20	8.0	15.0	
3	1.421	6	0.730	0.44	0.418	13.46	17.99	67450	71000	90180	94930	1.20	8.0	15.0	
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BEND TEST:

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

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

Muhammad Sulaman Basharat
Site Civil Engineer AAA Partnership Pvt. Ltd.(JDW Tower Lahore)

Test Performed By:
Dr. /Engr. Nauman Khurram

Client Reference: AAA/SO/MSB 111/2025
Dated: 15-01-2025
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 584 (Page-1/1)
Dated: 15-01-2025
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	2.758	8	1.016	0.79	0.811	25.20	34.81	70350	68530	97190	94670	1.30	8.0	16.3	
2	2.748	8	1.014	0.79	0.808	25.18	34.96	70290	68730	97610	95440	1.50	8.0	18.8	
3	1.492	6	0.747	0.44	0.438	14.48	19.57	72560	72890	98100	98550	1.40	8.0	17.5	
4	1.491	6	0.747	0.44	0.438	14.29	19.44	71640	71960	97440	97880	1.40	8.0	17.5	
5	0.662	4	0.498	0.20	0.195	6.32	8.56	69700	71480	94420	96850	1.30	8.0	16.3	
6	0.660	4	0.497	0.20	0.194	6.24	8.56	68800	70920	94420	97340	1.30	8.0	16.3	
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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

M.Yasir Kiani, RE
JCP Wahga NESPAK. (Expension Of Joint Check Post Wahga, Lahore)

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

Client Reference: 4749/031/YK/01/118

SOM Lab

Dated: 13-01-2025

Ref: 585 (Page-1/1)

Dated: 15-01-2025

Test: Tension Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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	2.625	8	0.991	0.79	0.771	21.99	36.46	61390	62900	101800	104300	1.50	8.0	18.8	
2	2.628	8	0.991	0.79	0.772	22.09	36.67	61670	63110	102360	104750	1.40	8.0	17.5	
3	1.494	6	0.748	0.44	0.439	13.12	20.97	65760	65910	105100	105340	1.40	8.0	17.5	
4	1.492	6	0.747	0.44	0.438	13.20	20.85	66170	66470	104490	104970	1.40	8.0	17.5	
5	0.664	4	0.498	0.20	0.195	6.19	8.94	68230	69980	98580	101110	1.20	8.0	15.0	
6	0.663	4	0.498	0.20	0.195	5.86	8.94	64640	66290	98580	101110	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		

Metroplan-Asian JV

Test Performed By: Dr. /Engr. Nauman Khurram

Asian Consulting Site Office NSICTR, Phase-1,Pkg (B&C).(Estb Of NSICTR Lahore Phase-1,Pkg-B)

SOM Lab

Client Reference: Metroplan-AsianJV-NSICTR-PKG-B-RE-30

Ref: 586 (Page-1/1)

Dated: 09-01-2025

Dated: 15-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Kamran 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	2.656	8	0.997	0.79	0.781	24.84	35.42	69350	70150	98890	100030	0.70	8.0	8.8	DEC-121
2	2.654	8	0.997	0.79	0.780	24.82	35.34	69300	70190	98660	99930	1.00	8.0	12.5	DEC-121
3	1.489	6	0.747	0.44	0.438	13.61	18.37	68210	68530	92070	92490	1.20	8.0	15.0	DEC-174
4	1.484	6	0.745	0.44	0.436	14.07	18.93	70510	71160	94880	95760	1.00	8.0	12.5	Dec-174
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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	
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk		