

Engr. Urwa Zaheer  
HS Ideal Tower Bahria Town Lahore.(Raft)

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

Client Reference: Nil  
Dated: 12-08-2025

SOM Lab  
Ref: 1643 (Page-1/1)  
Dated: 12-08-2025

Test: Tension Test  
Gauge Length: 8 inch

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.598	8	0.986	0.79	0.763	29.36	39.50	81960	84860	110280	114180	1.20	8.0	15.0	
2	1.475	6	0.743	0.44	0.433	14.50	20.23	72660	73830	101420	103060	1.30	8.0	16.3	
3	0.659	4	0.497	0.20	0.194	6.85	8.97	75540	77880	98920	101980	1.20	8.0	15.0	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  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](http://www.uet-civil.edu.pk)

Resident Engineer

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-B)

Client Reference: Metroplan-Asian(JV)/NSICTR/RE-B&C/B/411

SOM Lab

Ref: 1644 (Page-1/1)

Dated: 11-08-2025

Dated: 12-08-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.658	8	0.997	0.79	0.781	26.17	35.70	73050	73900	99660	100810	1.30	8.0	16.3	H # Aug-09
2	2.667	8	0.999	0.79	0.784	26.20	35.65	73140	73700	99520	100280	1.20	8.0	15.0	H # Aug-09
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Sajjad Karim

Test Performed By:

Dr. /Engr. Asad Ali Gillani

PE 7 Canal Devlopers.(7 Canal Residential Apartments Buildings)

Client Reference: Nil

SOM Lab

Ref: 1645 (Page-1/1)

Dated: 12-08-2025

Dated: 12-08-2025

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.679	8	1.001	0.79	0.787	23.75	31.80	66310	66560	88790	89130	1.30	8.0	16.3	A
2	2.708	8	1.007	0.79	0.796	23.16	31.04	64660	64170	86660	86000	1.70	8.0	21.3	B
3	1.466	6	0.741	0.44	0.431	12.86	17.09	64480	65830	85690	87480	1.50	8.0	18.8	
4	1.052	5	0.627	0.31	0.309	9.55	12.59	67960	68180	89570	89860	1.20	8.0	15.0	
5	0.662	4	0.498	0.20	0.195	5.37	8.02	59240	60760	88470	90740	1.40	8.0	17.5	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Ten Samples Received and Tested
# 8	Sample bend through 180 degrees Satisfactorily without any crack	
# 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](http://www.uet-civil.edu.pk)