

Muhammad Rashid
PM Swiss Mall MM Alam Road Gulberg III Lahore

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

Client Reference: Nil
SOM Lab Ref: CED/SOM/1987(Page-1/1)

Dated: 27-10-2025
Dated: 27-10-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.861	25	25.03	491	492	240.70	365.50	490	490	745	743	30.0	200	15.0	
2	3.913	25	25.19	491	498	242.00	365.20	493	486	744	733	30.0	200	15.0	
3	0.963	12	12.50	113	123	65.20	83.00	576	532	734	677	25.0	200	12.5	
4	0.966	12	12.52	113	123	66.20	83.00	585	538	734	675	20.0	200	10.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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. Bilal Khalid

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Nespak (Pvt.) Ltd. (Expansion of Joint Check Post Wahga, Lahore)

Client Reference: 4749/031/MBK/01/209

SOM Lab

Ref: 1986 (Page-1/1)

Dated: 07-10-2025

Dated: 27-10-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def. 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	1.470	6	0.742	0.44	0.432	14.44	18.57	72400	73740	93100	94820	1.50	8.0	18.8	Mughal
2	1.477	6	0.743	0.44	0.434	15.19	19.54	76130	77190	97950	99300	1.30	8.0	16.3	Mughal
3	0.661	4	0.497	0.20	0.194	6.70	8.36	73850	76140	92180	95030	1.00	8.0	12.5	Mughal
4	0.655	4	0.494	0.20	0.192	6.54	8.48	72170	75180	93530	97420	1.00	8.0	12.5	Mughal
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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

Mohsin Abbas

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

QAQC Manager Zameen Development.(Const.Of PHOENIX Project by Zameen Development,Lahore)

Client Reference: ZD/QAQC/SS-2510-000169/Phoenix/19

SOM Lab

Ref: 1988 (Page-1/1)

Dated: 27-10-2025

Dated: 27-10-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Def. 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	1.511	6	0.752	0.44	0.444	12.61	20.00	63210	62640	100250	99350	1.40	8.0	17.5	H-119
2	1.510	6	0.752	0.44	0.444	12.54	19.98	62850	62280	100150	99250	1.50	8.0	18.8	H-119
3	0.651	4	0.493	0.20	0.191	5.93	8.99	65420	68510	99150	103820	1.40	8.0	17.5	H-115
4	0.663	4	0.498	0.20	0.195	6.17	9.03	68010	69750	99600	102150	1.50	8.0	18.8	H-115
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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

Mohsin Abbas

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

QAQC Manager Zameen Development.(Const. Of ARX Project by Zameen Development,Lahore)

Client Reference: ZD/QAQC/SS-DC2510-000171/ARX/13

SOM Lab

Ref: 1989 (Page-1/1)

Dated: 27-10-2025

Dated: 27-10-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Def. Bar (H # H-100)

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	2.600	8	0.986	0.79	0.764	21.71	36.44	60620	62680	101740	105200	1.50	8.0	18.8	
2	2.691	8	1.004	0.79	0.791	22.78	37.94	63610	63530	105920	105790	1.30	8.0	16.3	
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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

Engr.Abdul Hayee,PM

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

HS Ideal Tower Bahria Town Lhr.(Const Of HS Ideal Tower Bahria Town Lahore)(FF.P)

Client Reference: HSIT/21

SOM Lab

Ref:

1990 (Page-1/1)

Dated: 27-10-2025

Dated:

27-10-2025

Test: Tension 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	2.674	8	1.000	0.79	0.786	25.96	34.93	72480	72850	97530	98020	1.40	8.0	17.5	
2	1.541	6	0.759	0.44	0.453	15.24	20.51	76390	74200	102800	99850	1.20	8.0	15.0	
3	0.655	4	0.494	0.20	0.192	6.14	8.46	67670	70490	93300	97190	1.40	8.0	17.5	
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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

Engr. Tanveer Afzal

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

GM Blue Bricks Blue Beverage Plant, Lahore. (Plant Shed Blue Beverage Plant Lahore)

Client Reference: BTS/Lab/001132

SOM Lab

Ref: 1991 (Page-1/1)

Dated: 27-10-2025

Dated: 27-10-2025

Test: Tension Test & Bend 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	1.466	6	0.741	0.44	0.431	14.29	19.34	71640	73130	96930	98950	1.40	8.0	17.5	
2	0.652	4	0.494	0.20	0.192	6.01	9.17	66320	69090	101170	105380	1.40	8.0	17.5	
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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