

M.Ali Humzzah

Test Performed By: Dr. /Engr. Ubaid Mughal

SI Swiss Builders.(Const Of 4-Storey Industrial Building at Industrial Estate Phool Mandi Chowk Lhr)

Client Reference: Nil

SOM Lab

Ref: 1479 (Page-1/1)

Dated: 03-07-2025

Dated: 08-07-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	2.640	8	0.994	0.79	0.776	25.15	33.59	70210	71470	93770	95460	1.70	8.0	21.3	
2	2.648	8	0.995	0.79	0.778	25.05	33.61	69920	71000	93830	95270	1.80	8.0	22.5	
3	1.498	6	0.748	0.44	0.440	14.39	19.16	72150	72150	96060	96060	1.40	8.0	17.5	
4	1.497	6	0.748	0.44	0.440	14.55	19.32	72910	72910	96830	96830	1.20	8.0	15.0	
5	0.662	4	0.498	0.20	0.195	7.10	8.82	78350	80360	97230	99730	1.10	8.0	13.8	
6	0.660	4	0.497	0.20	0.194	6.98	8.63	77000	79380	95210	98160	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

Abrar Javed Khan

Test Performed By:

Dr. /Engr.

Nauman Khurram

Project Manager Limelight Developers.(Commercial Building at 90/B-2 Gulberg III Lahore)

Client Reference: Nil

Dated: 08-07-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref:

1480 (Page-1/1)

Dated:

08-07-2025

ASTM-A-615

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	2.624	8	0.991	0.79	0.771	25.20	33.61	70350	72080	93830	96140	1.60	8.0	20.0	
2	2.618	8	0.990	0.79	0.769	24.97	33.35	69720	71630	93120	95660	1.60	8.0	20.0	
3	1.484	6	0.745	0.44	0.436	14.73	19.78	73830	74510	99130	100030	1.30	8.0	16.3	
4	1.482	6	0.745	0.44	0.436	14.78	19.90	74090	74770	99740	100650	1.30	8.0	16.3	
5	0.654	4	0.494	0.20	0.192	6.37	8.12	70260	73190	89590	93320	1.20	8.0	15.0	
6	0.649	4	0.493	0.20	0.191	6.49	8.36	71610	74980	92180	96520	1.20	8.0	15.0	
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