Ghulam Abbas, XEN **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

GE(Army)-II LRC.(Const Of 8xD Type Flats,Block No.2 at PMAD Colony Lahore)

Client Reference: 6003/91/E6 **SOM Lab Ref:** 1952 (Page-1/1)

Dated: 13-10-2025 **Dated:** 17-10-2025

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^2	in^2	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.591	6	0.772	0.44	0.468	16.43	22.63	82370	77440	113430	106650	1.20	8.0	15.0	
2	1.569	6	0.766	0.44	0.461	16.18	22.43	81090	77400	112410	107290	1.40	8.0	17.5	
3	1.028	5	0.620	0.31	0.302	10.37	13.51	73760	75710	96090	98640	1.20	8.0	15.0	
4	1.032	5	0.621	0.31	0.303	10.30	13.63	73250	74940	96960	99200	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	7.59	9.40	83750	85020	103640	105220	1.20	8.0	15.0	
6	0.667	4	0.500	0.20	0.196	7.46	9.33	82290	83960	102860	104950	1.20	8.0	15.0	
7	0.694	4	0.510	0.20	0.204	7.19	8.99	79250	77700	99150	97200	1.30	8.0	16.3	
8	0.692	4	0.508	0.20	0.203	7.21	9.02	79470	78300	99480	98010	1.40	8.0	17.5	
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BEND TEST:

# 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
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Twelve Samples Received and Tested

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

Ghulam Abbas, XEN **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

GE(Army)-II LRC.(Const Of 8xD Type Flats,Block No.1 at PMAD Colony Lahore)

Client Reference: 6003/90/E6 **SOM Lab Ref:** 1953 (Page-1/1)

Dated: 13-10-2025 **Dated:** 17-10-2025

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^2	in^2	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.478	6	0.743	0.44	0.434	13.25	18.42	66430	67340	92330	93610	1.10	8.0	13.8	
2	1.491	6	0.747	0.44	0.438	13.22	18.37	66270	66580	92070	92490	1.20	8.0	15.0	
3	1.057	5	0.629	0.31	0.311	9.19	13.15	65420	65210	93550	93250	1.30	8.0	16.3	
4	1.051	5	0.627	0.31	0.309	9.14	13.07	65050	65270	92970	93280	1.40	8.0	17.5	
5	0.671	4	0.501	0.20	0.197	6.37	8.77	70260	71330	96670	98140	1.30	8.0	16.3	
6	0.674	4	0.502	0.20	0.198	6.37	8.79	70260	70970	96900	97880	1.40	8.0	17.5	
7	0.678	4	0.503	0.20	0.199	6.48	8.92	71490	71850	98360	98850	1.20	8.0	15.0	
8	0.680	4	0.505	0.20	0.200	6.57	8.94	72510	72510	98580	98580	1.40	8.0	17.5	
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BEND TEST:

# 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
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Twelve 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)(First Floor Slab)

Client Reference: HSIT/18 **SOM Lab Ref:** 1954 (Page-1/1)

Dated: 16-10-2025 **Dated:** 17-10-2025

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	1.648	6	0.785	0.44	0.484	17.90	23.06	89720	81570	115580	105070	1.30	8.0	16.3	
2	1.643	6	0.784	0.44	0.483	16.31	21.92	81750	74480	109850	100080	1.40	8.0	17.5	
3	0.663	4	0.498	0.20	0.195	7.24	9.79	79810	81860	107910	110680	1.20	8.0	15.0	
4	0.664	4	0.498	0.20	0.195	7.44	9.81	82060	84160	108140	110910	1.30	8.0	16.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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