Noor Ul Huda **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Professional Construction Services (Pvt) Ltd.(Admission & Marketing Office,Namal Uni Mainwali)

Client Reference: PCS/25/Eng-62-B **SOM Lab Ref:** 1571 (Page-1/2)

Dated: 28-07-2025 **Dated:** 28-07-2025

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	0.668	4	0.500	0.20	0.196	6.27	8.46	69130	70540	93300	95200	1.20	8.0	15.0	
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BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Two Samples Received and Tested

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

Noor Ul Huda **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Professional Construction Services (Pvt) Ltd.(Admission & Marketing Office,Namal Uni Mainwali)

Client Reference: PCS/25/Eng-62-C **SOM Lab Ref:** 1571 (Page-2/2)

Dated: 28-07-2025 **Dated:** 28-07-2025

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	1.515	6	0.753	0.44	0.445	14.34	19.69	71890	71090	98720	97610	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Two Samples Received and Tested

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

Hassan Associates
Lahore.(Const Of ETP AT STML # 09)

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

Client Reference: Nil
Dated: 28-07-2025

SOM Lab Ref: 1572 (Page-1/1)
Dated: 28-07-2025

Test: Tension Test & Bend 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^2	in^2	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.585	8	0.984	0.79	0.760	25.56	32.87	71350	74160	91780	95400	1.30	8.0	16.3	
2	2.602	8	0.987	0.79	0.765	26.07	33.28	72770	75150	92920	95950	1.40	8.0	17.5	
3	1.627	6	0.780	0.44	0.478	15.26	21.02	76490	70410	105360	96980	1.30	8.0	16.3	
4	1.623	6	0.779	0.44	0.477	15.21	21.02	76240	70320	105360	97190	1.40	8.0	17.5	
5	0.612	4	0.479	0.20	0.180	6.03	8.21	66550	73940	90490	100540	1.00	8.0	12.5	
6	0.619	4	0.481	0.20	0.182	5.98	8.18	65990	72510	90150	99070	1.20	8.0	15.0	
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BEND TEST:

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

Note:-

Only Nine Samples Received and Tested

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

Engineer Muhammad Irfan
Dy Dir Infra. DHA Gujranwala.(Const Of Mian Boulevard)

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

Client Reference: 111/DD/Infra/Lab/810
Dated: 24-07-2025

SOM Lab Ref: 1573 (Page-1/1)
Dated: 28-07-2025

Test: Tension Test & Bend 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^2	in^2	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.672	4	0.501	0.20	0.197	6.93	8.87	76440	77600	97800	99290	1.10	8.0	13.8	
2	0.666	4	0.500	0.20	0.196	6.29	8.84	69360	70770	97460	99450	1.30	8.0	16.3	
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BEND TEST:

# 4	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

Anwar Ul Haq **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

PM IKAN Engineering Services Pvt Ltd.(Const Of Zong MSC Faisalabad)

Client Reference: IKAN-FSD-SITE-UET/019 **SOM Lab Ref:** 1575 (Page-1/1)

Dated: 28-07-2025 **Dated:** 28-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Ittehad 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	2.661	8	0.998	0.79	0.782	28.75	35.65	80250	81070	99520	100540	0.90	8.0	11.3	
2	1.513	6	0.753	0.44	0.445	16.41	19.54	82260	81340	97950	96850	0.90	8.0	11.3	
3	0.686	4	0.507	0.20	0.202	7.00	8.69	77230	76460	95770	94830	0.90	8.0	11.3	
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Witnessed By: Naeem Yaseen (Supervisor)

BEND TEST:

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

Faisal Bhatti **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

MP Project Ittefaq Building Solution Pvt Ltd.(Haider Saeed Commercial,Lahore)

Client Reference: Nil **SOM Lab Ref:** 1576(Page-1/1)

Dated: 28-07-2025 **Dated:** 28-07-2025

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	2.612	8	0.989	0.79	0.768	24.33	35.19	67930	69880	98240	101050	1.10	8.0	13.8	
2	1.475	6	0.743	0.44	0.433	13.78	20.05	69080	70200	100500	102130	1.10	8.0	13.8	
3	0.648	4	0.492	0.20	0.190	6.24	8.72	68800	72420	96110	101170	1.10	8.0	13.8	
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BEND TEST:

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

Note:-

Only Nine Samples Received and Tested

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

Abdul Baseet **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

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

Client Reference: DOC-BMC/AJWA/162 **SOM Lab Ref:** 1577(Page-1/1)

Dated: 28-07-2025 **Dated:** 28-07-2025

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	2.660	8	0.998	0.79	0.782	26.01	33.97	72630	73370	94820	95790	1.30	8.0	16.3	
2	2.661	8	0.998	0.79	0.782	26.10	34.02	72850	73600	94970	95940	1.40	8.0	17.5	
3	2.650	8	0.996	0.79	0.779	26.66	34.40	74420	75470	96050	97400	1.50	8.0	18.8	
4	0.672	4	0.501	0.20	0.197	6.52	8.26	71940	73040	91050	92440	1.20	8.0	15.0	
5	0.689	4	0.507	0.20	0.202	6.88	8.63	75880	75130	95210	94270	1.20	8.0	15.0	
6	0.654	4	0.494	0.20	0.192	6.01	8.41	66320	69090	92740	96600	1.30	8.0	16.3	
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BEND TEST:

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

Note:-

Only Nine Samples Received and Tested

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

Mushtaq Ahmad **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Asst Dir (Tech) Anti-Corruption Estb Sargodha Region.(Dualization of Sargodha Khushab Mianwali road)

Client Reference: ACE-SR-2025/4584 **SOM Lab Ref:** 1578 (Page-1/1)

Dated: 05-05-2025 **Dated:** 28-07-2025

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	1.485	6	0.745	0.44	0.436	17.28	21.41	86610	87400	107300	108280	1.00	8.0	12.5	
2	1.482	6	0.745	0.44	0.436	16.97	21.25	85070	85860	106530	107510	1.00	8.0	12.5	
3	1.060	5	0.630	0.31	0.312	10.24	13.71	72890	72420	97540	96920	1.40	8.0	17.5	
4	1.059	5	0.629	0.31	0.311	10.30	13.76	73250	73010	97910	97590	1.30	8.0	16.3	
5	0.665	4	0.498	0.20	0.195	6.99	9.14	77110	79090	100830	103420	1.10	8.0	13.8	
6	0.666	4	0.500	0.20	0.196	6.93	9.09	76440	78000	100270	102320	1.30	8.0	16.3	
7	0.369	3	0.371	0.11	0.108	3.84	4.96	77050	78480	99530	101380	1.20	8.0	15.0	
8	0.371	3	0.373	0.11	0.109	3.82	4.91	76640	77350	98510	99420	1.10	8.0	13.8	
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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
# 3	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