Sub Divisional officer,
BSD No.02 Lhr.(The Scheme Chief Minister Wildlife Rescue Force at Safari Zoo Lahore)

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

Client Reference: 120/md
Dated: 25-05-2025

SOM Lab Ref: 1494(Page-1/1)
Dated: 14-07-2025

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	1.503	6	0.750	0.44	0.442	12.74	20.82	63870	63580	104340	103860	1.40	8.0	17.5	
2	1.499	6	0.749	0.44	0.441	15.34	21.20	76900	76730	106280	106040	1.20	8.0	15.0	
3	0.671	4	0.501	0.20	0.197	6.73	8.74	74190	75320	96340	97800	1.10	8.0	13.8	
4	0.667	4	0.500	0.20	0.196	6.22	8.58	68570	69970	94650	96580	1.10	8.0	13.8	
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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

Shamshad Hussain Bukhari,PM **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
GMHP Consultants.(Design, Procurement & Const.Of 84MW Gorkin-Matiltan HydroPower Project)

Client Reference: 8851-53/PM/30/GMHPP/2025 **SOM Lab Ref:** 1495 (Page-1/1)
Dated: 02-07-2025 **Dated:** 14-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615
Gauge Length: 8 inch **Sample Type:** Def.Bar (Islamabad Premium 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	2.670	8	1.000	0.79	0.785	19.27	32.44	53790	54130	90550	91130	1.50	8.0	18.8	
2	2.670	8	1.000	0.79	0.785	19.06	32.26	53220	53560	90070	90640	1.60	8.0	20.0	
3	1.510	6	0.752	0.44	0.444	10.88	17.30	54520	54030	86710	85930	1.50	8.0	18.8	
4	1.513	6	0.753	0.44	0.445	10.96	17.64	54930	54310	88400	87400	1.50	8.0	18.8	
5	1.074	5	0.634	0.31	0.316	7.85	12.51	55840	54780	88990	87300	1.30	8.0	16.3	
6	1.074	5	0.634	0.31	0.316	7.87	12.46	55990	54930	88620	86940	1.40	8.0	17.5	
7	0.670	4	0.501	0.20	0.197	4.59	7.10	50590	51360	78350	79540	1.30	8.0	16.3	
8	0.672	4	0.501	0.20	0.197	4.59	7.16	50590	51360	78910	80110	1.30	8.0	16.3	
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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
# 5	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

Shamshad Hussain Bukhari,PM **Test Performed By:** **Dr. /Engr.** Asad Ali Gillnai

GMHP Consultants.(Design, Procurement & Const.Of 84MW Gorkin-Matiltan HydroPower Project)

Client Reference: 8848-50/PM/30/GMHPP/2025 **SOM Lab Ref:** 1496 (Page-1/1)

Dated: 02-07-2025 **Dated:** 14-07-2025

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

Gauge Length: 8 inch **Sample Type:** Def.Bar (Hunza 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	1.477	6	0.743	0.44	0.434	14.55	19.64	72910	73920	98460	99820	1.50	8.0	18.8	
2	1.486	6	0.746	0.44	0.437	14.58	19.49	73070	73570	97690	98370	1.30	8.0	16.3	
3	1.049	5	0.626	0.31	0.308	9.89	12.97	70350	70810	92250	92850	1.40	8.0	17.5	
4	1.050	5	0.627	0.31	0.309	9.81	12.97	69770	69990	92250	92550	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

Note:-

Only Six Samples Received and Tested

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

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

Z.H.Kazmi & Associates.(Renovation Of MCB Bank Limited Main Market Gulberg Branch Lahore)

Client Reference: Nil **SOM Lab Ref:** 1497(Page-1/1)

Dated: 14-07-2025 **Dated:** 14-07-2025

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	0.645	4	0.492	0.20	0.190	7.08	9.38	78130	82240	103420	108860	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

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

Landmark Developers Lahore.(Construction Project The Oasis Grand 14)

Client Reference: Nil **SOM Lab Ref:** 1498 (Page-1/2)

Dated: 13-07-2025 **Dated:** 14-07-2025

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	2.630	8	0.992	0.79	0.773	23.06	37.43	64370	65790	104500	106800	1.30	8.0	16.3	
2	2.662	8	0.998	0.79	0.782	23.06	37.77	64370	65030	105440	106520	1.50	8.0	18.8	
3	1.514	6	0.753	0.44	0.445	13.27	20.49	66530	65780	102700	101550	1.30	8.0	16.3	
4	1.524	6	0.755	0.44	0.448	13.27	20.56	66530	65340	103060	101220	1.30	8.0	16.3	
5	0.643	4	0.491	0.20	0.189	5.61	8.79	61830	65430	96900	102540	1.10	8.0	13.8	
6	0.638	4	0.488	0.20	0.187	5.52	8.58	60930	65160	94650	101230	1.00	8.0	12.5	
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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

Chief Executive Officer
Landmark Developers Lahore.(Project Grand X)

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

Client Reference: Nil
Dated: 08-07-2025

SOM Lab Ref: 1498 (Page-2/2)
Dated: 14-07-2025

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	1.550	6	0.762	0.44	0.456	14.55	18.32	72910	70360	91820	88600	1.30	8.0	16.3	
2	1.548	6	0.761	0.44	0.455	14.32	18.27	71790	69420	91560	88550	1.30	8.0	16.3	
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BEND TEST:

# 6	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

M.Nadeem Zafarullah **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

Incharge for MD SNGPL.(Upgradation of Existing Customer Services Centre at Regional Disribution Offfice Gujranwala)

Client Reference: CC/CSC/RDO-GWJ **SOM Lab Ref:** 1499 (Page-1/1)

Dated: 14-07-2025 **Dated:** 14-07-2025

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	1.474	6	0.743	0.44	0.433	14.48	18.62	72560	73730	93350	94860	1.40	8.0	17.5	
2	1.471	6	0.742	0.44	0.432	14.88	18.98	74600	75980	95140	96900	1.30	8.0	16.3	
3	0.650	4	0.493	0.20	0.191	6.14	8.07	67670	70860	89030	93220	0.70	8.0	8.8	
4	0.649	4	0.493	0.20	0.191	6.32	8.51	69700	72980	93860	98290	1.00	8.0	12.5	
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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

Sub Divisional officer,
BSD No.2 Gujranwala.(IWRPP, Government College Of Technology Gujranwala)

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

Client Reference: 1857/G-21
Dated: 14-07-2025

SOM Lab Ref: 1500 (Page-1/1)
Dated: 14-07-2025

Test: Tension Test & Bend Test
Test Specification: ASTM-A-615
Gauge Length: 8 inch
Sample Type: Deformed Bar (SJ 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	2.638	8	0.993	0.79	0.775	30.70	39.88	85720	87380	111330	113480	1.10	8.0	13.8	
2	0.678	4	0.503	0.20	0.199	7.16	8.58	78910	79310	94650	95130	1.10	8.0	13.8	
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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 Four Samples Received and Tested

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

Sufyan Uppal, PE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Baig Developers and Builders Pvt Ltd.Lhr.(Const. Of ICON MALL & TOWER, Bahria Town Lahore)

Client Reference: ST/UET/13072025/0068 **SOM Lab Ref:** 1501 (Page-1/1)

Dated: 13-07-2025 **Dated:** 14-07-2025

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	2.676	8	1.000	0.79	0.786	32.42	39.81	90500	90960	111130	111690	1.30	8.0	16.3	
2	2.673	8	1.000	0.79	0.786	27.22	35.34	75980	76370	98660	99170	1.20	8.0	15.0	
3	1.493	6	0.748	0.44	0.439	13.88	17.38	69590	69750	87120	87320	1.30	8.0	16.3	
4	1.490	6	0.747	0.44	0.438	15.92	18.91	79810	80180	94780	95220	1.30	8.0	16.3	
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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

Note:-

Only Six Samples Received and Tested

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