Project Manager **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

Paragon City Lahore. (Construction Project: Block Imperial -II Masjid in Paragon City)

Client Reference: /PGC/Project/245 **SOM Lab Ref:** 4709(Page-1/1)

Dated: 29-08-2024 **Dated:** 30-08-2024

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	2.602	8	0.987	0.79	0.765	25.91	33.86	72340	74710	94540	97630	1.50	8.0	18.8	
2	2.584	8	0.983	0.79	0.759	25.38	33.30	70860	73760	92970	96770	1.40	8.0	17.5	
3	1.478	6	0.743	0.44	0.434	14.80	18.45	74190	75220	92480	93760	1.20	8.0	15.0	
4	1.487	6	0.746	0.44	0.437	14.83	18.50	74350	74860	92740	93380	1.30	8.0	16.3	
5	0.655	4	0.494	0.20	0.192	7.56	9.09	83410	86880	100270	104450	1.10	8.0	13.8	
6	0.660	4	0.497	0.20	0.194	7.46	8.94	82290	84830	98580	101630	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

Iftikhar Ahmad, Team Leader **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

CRE Pkg-5 MMP-PCP Okara.(Comprehensive Sewerage System in Okara City Under PCP,Pkg-1,2)

Client Reference: MMP/PMDFC/1096/TEST/1650/2024 **SOM Lab Ref:** 4710(Page-1/1)

Dated: 29-08-2024 **Dated:** 30-08-2024

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	0.670	4	0.501	0.20	0.197	5.81	8.97	64080	65050	98920	100430	1.00	8.0	12.5	
2	0.672	4	0.501	0.20	0.197	5.73	8.94	63180	64140	98580	100080	1.20	8.0	15.0	
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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

Awais Nazir,XEN **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

GE(Army)-II LRC.(Const Of 8 x E Type Flats (G+3) at HQ 11 Div Lahore)

Client Reference: 6003/146/E6 **SOM Lab Ref:** 4711 (Page-1/1)

Dated: 14-05-2024 **Dated:** 30-08-2024

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	2.685	8	1.002	0.79	0.789	28.49	35.98	79540	79640	100460	100580	1.40	8.0	17.5	
2	2.771	8	1.018	0.79	0.814	26.40	38.35	73710	71540	107060	103900	1.30	8.0	16.3	
3	1.484	6	0.745	0.44	0.436	15.21	18.57	76240	76940	93100	93950	1.20	8.0	15.0	
4	1.475	6	0.743	0.44	0.433	15.34	18.73	76900	78140	93860	95380	1.20	8.0	15.0	
5	1.037	5	0.623	0.31	0.305	10.32	13.71	73390	74600	97540	99140	1.20	8.0	15.0	
6	1.040	5	0.624	0.31	0.306	10.30	13.68	73250	74210	97330	98600	1.30	8.0	16.3	
7	0.680	4	0.505	0.20	0.200	7.49	9.02	82620	82620	99480	99480	1.10	8.0	13.8	
8	0.672	4	0.501	0.20	0.197	7.46	9.53	82290	83540	105100	106700	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
# 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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

BSD No.15,Lhr.(Const Of New Courts Block at The Site of Existing Old Admin Block at LHC)

Client Reference: 996 **SOM Lab Ref:** 4712 (Page-1/1)

Dated: 29-08-2024 **Dated:** 30-08-2024

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	2.614	8	0.989	0.79	0.768	27.12	35.78	75700	77870	99890	102750	1.30	8.0	16.3	
2	2.604	8	0.987	0.79	0.765	27.01	35.52	75420	77880	99180	102420	1.30	8.0	16.3	
3	1.506	6	0.751	0.44	0.443	16.82	21.20	84310	83740	106280	105560	1.00	8.0	12.5	
4	1.516	6	0.754	0.44	0.446	16.92	21.48	84820	83680	107660	106210	1.00	8.0	12.5	
5	0.671	4	0.501	0.20	0.197	6.73	8.61	74190	75320	94990	96430	1.10	8.0	13.8	
6	0.672	4	0.501	0.20	0.197	6.57	8.79	72510	73610	96900	98370	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
# 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

Muhammad Mubeen Khan **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
Sr. Project Manager AAA Partnership Pvt. Ltd.(JDW Tower Lahore)

Client Reference: AAA/RO/MMK/102/2024 **SOM Lab Ref:** 4713 (Page-1/1)
Dated: 29-08-2024 **Dated:** 30-08-2024

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	2.669	8	0.999	0.79	0.784	25.74	35.44	71860	72410	98950	99710	1.50	8.0	18.8	8
2	2.671	8	1.000	0.79	0.785	25.13	35.22	70150	70600	98320	98950	1.20	8.0	15.0	7
3	1.484	6	0.745	0.44	0.436	14.04	18.71	70360	71010	93760	94620	1.40	8.0	17.5	8
4	1.499	6	0.749	0.44	0.441	14.65	19.18	73430	73260	96160	95940	1.20	8.0	15.0	7
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BEND TEST:

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

Note:-

Only Eight Samples Received and Tested

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