

Test Performed by: .S. Asad Ali Gillani

Abdul Azeem
General Manager, Polymer Tek,
45-A, S.I.E. #2, Gujranwala-Pakistan.

Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 1/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (White)	1700

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

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Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 2/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (White)	1800

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

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Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 3/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (Grey S)	1300

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

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Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 4/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (Grey S)	1500

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

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Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 5/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (Grey BS)	1300

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

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Client Reference No.: Nil

Dated: 07-04-2025

SOM Lab Ref: CED/SOM/1035 (Page 6/6)

Dated: 07-04-2025

Test Type: Load Test, Loading Area (29.5 CM x 29.5 CM)

Sample Type: Polydoors FRP Manhole Cover (70 x 70 CM)

Load Test Results

Sr No.	Sample Type	Ultimate Load (kg)
1	Polydoors FRP Manhole Cover (Grey BS)	1200

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

Farhad Ali Khan

Test Performed By:

Dr. /Engr.

Wasim Abbas

Sr.Engr (C) WASO PAEC.Chashma.(Const Of Mock-up Hall Near Chashma)

Client Reference: WASO-CMD-LOI-029/2024/2077

SOM Lab

Ref:

1036 (Page-1/1)

Dated: 17-03-2025

Dated:

07-04-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF 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	2.639	8	0.994	0.79	0.776	27.54	35.68	76900	78280	99600	101400	0.90	8.0	11.3	H# 148
2	2.640	8	0.994	0.79	0.776	27.08	35.47	75610	76980	99030	100820	1.20	8.0	15.0	H# 148
3	1.519	6	0.754	0.44	0.446	14.24	19.57	71380	70420	98100	96780	1.00	8.0	12.5	H# 37
4	1.530	6	0.757	0.44	0.450	14.29	19.52	71640	70050	97850	95670	1.00	8.0	12.5	H# 37
5	0.676	4	0.503	0.20	0.199	6.60	8.77	72730	73100	96670	97160	1.20	8.0	15.0	H# 37
6	0.678	4	0.503	0.20	0.199	6.65	8.82	73290	73660	97230	97720	1.20	8.0	15.0	H# 37
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Witnessed By: Tariq Aleem (PE QA), Waseem Badar St(SSD)

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

Atta Farid

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE NESPAK Okara.(Restoration/Impro Of GOGERA-JANDRAKA Distt Okara)

Client Reference: 4834/Okara/RRP-24-25/RE/86

SOM Lab

Ref:

1037 (Page-1/1)

Dated: 12-03-2025

Dated:

07-04-2025

Test: Tension Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ravi 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	24.99	35.34	69780	70230	98660	99290	1.40	8.0	17.5	
2	1.484	6	0.745	0.44	0.436	13.53	19.37	67810	68430	97080	97970	1.10	8.0	13.8	
3	0.670	4	0.501	0.20	0.197	6.75	9.25	74420	75550	101960	103510	1.00	8.0	12.5	
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BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

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

AL-NAFAY

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Business & Trading Corporation Pvt Ltd.(Const Of 1 x Lav Block,12BR at Lhr)

Client Reference: CA No-CMES-Lhr-37/2025

SOM Lab

Ref:

1038 (Page-1/1)

Dated: Nil

Dated:

07-04-2025

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	0.665	4	0.498	0.20	0.195	6.60	8.94	72730	74600	98580	101110	1.20	8.0	15.0	
2	0.677	4	0.503	0.20	0.199	6.80	9.09	74980	75360	100270	100770	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

