

Engr. Sheikh Maqbool Hassan

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE-Nespak Lhr.(Rehb/Improvement Of Streets, Sewerage/Drainage UC-269,270,253,Nishtar Zone,MCL)

Client Reference: RE/4084/04/MH/609

SOM Lab

Ref: 1793 (Page-1/1)

Dated: 27-08-2025

Dated: 18-09-2025

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.648	4	0.492	0.20	0.190	6.32	9.33	69700	73360	102860	108270	1.30	8.0	16.3	Sheikhoo
2	0.655	4	0.494	0.20	0.192	6.29	9.38	69360	72250	103420	107730	1.10	8.0	13.8	Sheikhoo
3	0.658	4	0.496	0.20	0.193	6.80	8.51	74980	77700	93860	97270	1.20	8.0	15.0	Mughal Sup
4	0.652	4	0.494	0.20	0.192	6.75	8.53	74420	77520	94090	98010	1.20	8.0	15.0	Mughal Sup
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**BEND TEST:**

# 4	Sample bend through 180 degrees Satisfactorily without any crack	<p><b>Note:-</b></p> <p>Only Six Samples Received and Tested</p>
# 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](http://www.uet-civil.edu.pk)

Zohaib Abbas

Test Performed By:

Dr. /Engr. Asad Ali Gillani

EP Ittefaq Construction Associates.(Const Of Diagnostic Center for Mr. Manzoor A.Bhatti at R1 Block Johar Town Lhr)

Client Reference: Nil

SOM Lab

Ref: 1794 (Page-1/1)

Dated: 18-09-2025

Dated: 18-09-2025

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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.590	8	0.984	0.79	0.761	23.29	31.96	65030	67510	89220	92620	1.50	8.0	18.8	
2	1.479	6	0.744	0.44	0.435	14.19	19.06	71130	71940	95550	96650	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.85	8.97	75540	76690	98920	100430	1.20	8.0	15.0	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Six 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](http://www.uet-civil.edu.pk)

Engr. M Asif Javed  
PM, ESAC DHA Lahore.(Grand Central Mall Project Faisalabad)

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

Client Reference: ESAC/TGC/GCMF/282

SOM Lab

Ref: 1795 (Page-1/1)

Dated: 17-09-2025

Dated: 18-09-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-706

Gauge Length: 8 inch

Sample Type: Deformed Bar (Aziz 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.644	8	0.995	0.79	0.777	30.33	40.85	84660	86080	114030	115940	1.40	8.0	17.5	
2	2.634	8	0.993	0.79	0.774	28.85	38.07	80540	82200	106290	108490	1.10	8.0	13.8	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web [www.uet-civil.edu.pk](http://www.uet-civil.edu.pk)

Muhammad Aman Ullah

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

RE Nespak Lahore.(Structural Plan Road From Pine Avenue to Ferozepur Road Lahore)(Pkg-1)

Client Reference: 4047/13/MA/04/841

SOM Lab

Ref: 1796 (Page-1/1)

Dated: 18-09-2025

Dated: 18-09-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed 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 <sup>2</sup>	in <sup>2</sup>	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.543	8	0.975	0.79	0.747	24.62	31.86	68730	72680	88930	94050	1.40	8.0	17.5	
2	2.542	8	0.975	0.79	0.747	23.19	31.40	64740	68470	87650	92700	1.50	8.0	18.8	
3	1.007	5	0.614	0.31	0.296	9.38	12.44	66720	69880	88480	92660	1.40	8.0	17.5	
4	1.009	5	0.615	0.31	0.297	9.73	12.56	69260	72290	89350	93260	1.40	8.0	17.5	
5	0.659	4	0.497	0.20	0.194	6.17	7.95	68010	70110	87680	90390	1.20	8.0	15.0	
6	0.660	4	0.497	0.20	0.194	6.37	8.10	70260	72430	89370	92130	1.10	8.0	13.8	
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**BEND TEST:**

# 8	Sample bend through 180 degrees Satisfactorily without any crack	<b>Note:-</b>  Only Nine Samples Received and Tested
# 5	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](http://www.uet-civil.edu.pk)