

Resident Engineer

Test Performed By: Dr. /Engr. Nauman Khurram

NESPAK Khanewal.(Restoration/Impro Of Metalled Rd From Chowki Chab To Jandiyali Banglow)

Client Reference: RE/HHU/KWL/RES/06

SOM Lab

Dated: 10-01-2025

Ref: 658 (Page-1/1)

Dated: 28-01-2025

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	1.504	6	0.750	0.44	0.442	14.14	20.56	70870	70550	103060	102590	1.20	8.0	15.0	
2	1.500	6	0.749	0.44	0.441	14.14	20.61	70870	70710	103310	103080	1.30	8.0	16.3	
3	0.669	4	0.501	0.20	0.197	6.19	8.46	68230	69270	93300	94720	1.20	8.0	15.0	
4	0.655	4	0.494	0.20	0.192	6.27	8.48	69130	72010	93530	97420	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 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		

Assistant Project Director

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

PMU-SBP Lahore.(Const Of Sports Complex and Jymnasium in Niaz Baig Area of Lahore City)

Client Reference: ADP/PMU/SBP/LHR/24/769

SOM Lab

Dated: 17-12-2024

Ref: 660 (Page-1/1)

Dated: 28-01-2025

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	1.517	6	0.754	0.44	0.446	15.87	19.88	79560	78490	99640	98300	1.00	8.0	12.5	
2	0.681	4	0.505	0.20	0.200	6.99	9.76	77110	77110	107580	107580	1.00	8.0	12.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four Samples Received and Tested
# 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		

M.Arslan Khaleel

Assistant Store Keeper Amanah Estate Pvt Ltd. (M/S Amanah Noor Residence Wapda Town Lahore)

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

SOM Lab

Client Reference: Nil

Dated: 28-01-2025

Test: Tension Test & Bend Test

Gauge Length: 8 inch

Ref: 661 (Page-1/1)

Dated: 28-01-2025

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	2.684	8	1.002	0.79	0.789	28.95	35.78	80820	80920	99890	100020	1.30	8.0	16.3	
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BEND TEST:

# 8	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

Rashid Kamran, RE

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

Nespak Lhr.(Construction of Electric Bus Depot at Green Town, Lahore)

Client Reference: 4792/13/RK/05/31

SOM Lab

Dated: 24-01-2025

Ref: 662 (Page-1/2)

Dated: 28-01-2025

Test: Tension Test & Bend Test

ASTM-A-615

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.668	8	0.999	0.79	0.784	23.21	37.87	64800	65300	105720	106530	1.40	8.0	17.5	H # 705
2	2.662	8	0.998	0.79	0.782	23.19	37.69	64740	65410	105210	106290	1.50	8.0	18.8	H # 705
3	2.674	8	1.000	0.79	0.786	23.19	37.74	64740	65070	105350	105890	1.30	8.0	16.3	H # 197
4	2.676	8	1.000	0.79	0.786	23.01	37.77	64230	64560	105440	105970	1.30	8.0	16.3	H # 197
5	1.478	6	0.743	0.44	0.434	12.74	20.05	63870	64750	100500	101890	1.40	8.0	17.5	H # 153
6	1.497	6	0.748	0.44	0.440	12.74	20.00	63870	63870	100250	100250	1.30	8.0	16.3	H # 153
7	1.484	6	0.745	0.44	0.436	12.86	19.93	64480	65080	99890	100810	1.50	8.0	18.8	H # 660
8	1.484	6	0.745	0.44	0.436	12.76	20.13	63970	64560	100910	101840	1.40	8.0	17.5	H # 660
9	1.490	6	0.747	0.44	0.438	12.84	20.29	64380	64680	101680	102140	1.50	8.0	18.8	H # 206
10	1.490	6	0.747	0.44	0.438	12.69	19.98	63620	63910	100150	100600	1.50	8.0	18.8	H # 206

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Fifteen Samples Received and Tested
# 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	
# 6	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		

Rashid Kamran, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Nespak Lhr.(Construction of Electric Bus Depot at Green Town, Lahore)

Client Reference: 4792/13/RK/05/31

SOM Lab

Dated: 24-01-2025

Ref: 662 (Page-2/2)

Dated: 28-01-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.479	6	0.744	0.44	0.435	12.64	19.98	63360	64090	100150	101300	1.30	8.0	16.3	H # 715
2	1.492	6	0.747	0.44	0.438	12.74	20.05	63870	64160	100500	100960	1.20	8.0	15.0	H # 715
3	0.661	4	0.497	0.20	0.194	6.24	9.70	68800	70920	107010	110320	1.20	8.0	15.0	H # 194
4	0.661	4	0.497	0.20	0.194	5.96	9.35	65760	67800	103080	106270	1.30	8.0	16.3	H # 194
5	0.658	4	0.496	0.20	0.193	6.03	9.38	66550	68960	103420	107170	1.20	8.0	15.0	H # 196
6	0.660	4	0.497	0.20	0.194	6.24	9.68	68800	70920	106790	110090	1.40	8.0	17.5	H # 196
7	0.662	4	0.498	0.20	0.195	5.98	9.40	65990	67680	103640	106300	1.20	8.0	15.0	H # 701
8	0.670	4	0.501	0.20	0.197	6.07	9.58	66890	67900	105670	107270	1.00	8.0	12.5	H # 701
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 4	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	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		

Ahsan Safdar, ARE

NESPAK Lahore.(Disposal Station and Sewer Line From Purana Kahna To Sua-E-Asal Drain)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Client Reference:

4671/AS/263

SOM Lab

Ref: 663 (Page-1/1)

Dated:

05-10-2024

Dated:

28-01-2025

Test:

Tension Test

Test Specification:

ASTM-A-615

Gauge Length:

8 inch

Sample Type:

Deformed Bar (Sheikhoo 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	0.663	4	0.498	0.20	0.195	6.70	8.63	73850	75750	95210	97650	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	6.34	8.36	69920	71350	92180	94060	1.10	8.0	13.8	
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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