

Muhammad Azmat, RE

Test Performed By:

Dr. /Engr.

Wasim Abbas

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/361

SOM Lab

Ref:

1965 (Page-1/1)

Dated: 18-10-2025

Dated:

21-10-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AF 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	0.667	4	0.500	0.20	0.196	6.90	9.14	76100	77660	100830	102890	1.40	8.0	17.5	
2	0.667	4	0.500	0.20	0.196	6.95	9.35	76660	78230	103080	105180	1.30	8.0	16.3	
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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

Engr Altaf Hussain,RE

Test Performed By: Dr. /Engr. Wasim Abbas

Barqaab Consulting Services Lhr.(Rehb/Addition/Alteration of Civic Enforcement Centres in Punjab-One at Tehsil Chunian)

Client Reference: PM(BQB)-PERA-ES Chunian/RE/111-15

SOM Lab

Ref: 1966-1967 (P-1/1)

Dated: 08-10-2025

Dated: 21-10-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Farooq 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	1.500	6	0.749	0.44	0.441	14.29	20.05	71640	71470	100500	100280	1.40	8.0	17.5	
2	1.507	6	0.751	0.44	0.443	14.39	19.59	72150	71660	98210	97540	1.40	8.0	17.5	
3	0.665	4	0.498	0.20	0.195	5.73	8.97	63180	64800	98920	101460	1.30	8.0	16.3	
4	0.668	4	0.500	0.20	0.196	7.00	9.55	77230	78800	105330	107480	1.20	8.0	15.0	
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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

Saif Ullah

Test Performed By:

Dr. /Engr.

Wasim Abbas

Procurement Deptt Linker Lahore.(Construction Of 131-A, Model Town, Lahore)

Client Reference: Nil

SOM Lab

Ref: 1968(Page-1/1)

Dated: 21-10-2025

Dated: 21-10-2025

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	2.603	8	0.987	0.79	0.765	23.72	34.45	66220	68390	96190	99330	1.40	8.0	17.5	
2	1.485	6	0.745	0.44	0.436	15.95	18.60	79970	80700	93250	94110	1.30	8.0	16.3	
3	0.656	4	0.496	0.20	0.193	6.09	8.26	67110	69540	91050	94350	1.40	8.0	17.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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

MR Builders

Test Performed By: Dr. /Engr. Nauman Khurram

Architects, Engineers Interior Designers Lahore.(Const Of Allied Bank Ltd,Paragon City,Lahore Cantt)

Client Reference: Nil

SOM Lab

Ref: 1969(Page-1/1)

Dated: 21-10-2025

Dated: 21-10-2025

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	1.465	6	0.741	0.44	0.431	14.58	18.67	73070	74590	93610	95560	1.50	8.0	18.8	Mughal
2	1.465	6	0.741	0.44	0.431	13.99	18.32	70100	71570	91820	93740	1.30	8.0	16.3	Mughal
3	1.035	5	0.622	0.31	0.304	9.96	13.53	70860	72250	96240	98140	1.30	8.0	16.3	FF
4	1.032	5	0.621	0.31	0.303	10.04	13.56	71440	73090	96460	98680	1.20	8.0	15.0	FF
5	0.638	4	0.488	0.20	0.187	6.65	8.51	73290	78390	93860	100390	1.20	8.0	15.0	Mughal
6	0.642	4	0.491	0.20	0.189	6.60	8.43	72730	76960	92960	98370	1.30	8.0	16.3	Mughal
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- 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

Muhammad Shafeeq
 Manager Operations INDIGO Signature Apartments Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab

Ref: 1970 (Page-1/1)

Dated: 21-10-2025

Dated: 21-10-2025

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	1.463	6	0.740	0.44	0.430	13.88	17.74	69590	71210	88910	90970	1.60	8.0	20.0	
2	1.465	6	0.741	0.44	0.431	13.99	17.81	70100	71570	89260	91130	1.30	8.0	16.3	
3	0.653	4	0.494	0.20	0.192	7.71	8.48	84980	88520	93530	97420	1.20	8.0	15.0	
4	0.669	4	0.501	0.20	0.197	7.77	8.53	85660	86960	94090	95520	1.40	8.0	17.5	
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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