

Sohaib Awais, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

Nespak Lahore.(Infrastructure Development at Natt Kalan Village)

Client Reference: NKV/13/SA/04/12

SOM Lab

Ref:

1747 (Page-1/1)

Dated: 05-08-2025

Dated:

09-09-2025

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	1.487	6	0.746	0.44	0.437	12.79	20.85	64130	64570	104490	105210	1.20	8.0	15.0	
2	0.670	4	0.501	0.20	0.197	6.27	8.41	69130	70190	92740	94150	0.80	8.0	10.0	
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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

Syed Mudassir Ali Shah
Assistant Dir Planning Branch DHA Multan.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 701/01/Lab/DHA

SOM Lab

Ref: 1748 (P-1/1)

Dated: 05-09-2025

Dated: 09-09-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Five Star 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	2.596	8	0.986	0.79	0.763	25.28	36.54	70580	73080	102020	105630	1.40	8.0	17.5	
2	1.498	6	0.748	0.44	0.440	13.12	20.56	65760	65760	103060	103060	1.40	8.0	17.5	
3	0.662	4	0.498	0.20	0.195	5.52	8.69	60930	62490	95770	98230	1.20	8.0	15.0	
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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

Resident Engineer

Test Performed By:

Dr. /Engr.

Nauman Khurram

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-B)

Client Reference: Metroplan-Asian(JV)/NSICTR/RE-B&C/B/465

SOM Lab

Ref:

1749 (Page-1/1)

Dated: 09-09-2025

Dated:

09-09-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Def 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	2.581	8	0.982	0.79	0.758	23.16	31.91	64660	67390	89070	92840	1.50	8.0	18.8	
2	2.582	8	0.983	0.79	0.759	23.26	32.13	64940	67600	89700	93360	1.40	8.0	17.5	
3	1.456	6	0.738	0.44	0.428	15.09	20.03	75620	77740	100400	103220	1.40	8.0	17.5	
4	1.481	6	0.744	0.44	0.435	14.14	19.42	70870	71690	97340	98460	1.00	8.0	12.5	
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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	

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

Engr.Riaz Ahmad, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-A&D)

Client Reference: Metroplan-Asian JV.NSICTR-RE(A&D)/285

SOM Lab

Ref:

1750 (Page-1/2)

Dated: 08-09-2025

Dated:

09-09-2025

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	1.488	6	0.746	0.44	0.437	14.88	20.36	74600	75110	102040	102740	1.00	8.0	12.5	
2	1.514	6	0.753	0.44	0.445	14.78	20.23	74090	73260	101420	100280	1.10	8.0	13.8	
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BEND TEST:

# 6	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.Riaz Ahmad, RE

Test Performed By:

Dr. /Engr.

Nauman Khurram

Metroplan-Asian JV Site Office.(Estb Of NSICTR Lahore Phase-1,Pkg-A&D)

Client Reference: Metroplan-Asian JV.NSICTR-RE(A&D)/284

SOM Lab

Ref: 1750 (Page-2/2)

Dated: 08-09-2025

Dated: 09-09-2025

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	0.663	4	0.498	0.20	0.195	6.22	8.38	68570	70330	92400	94770	1.20	8.0	15.0	
2	0.712	4	0.516	0.20	0.209	6.29	8.84	69360	66370	97460	93260	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

Urwa Zaheer

Test Performed By: Dr. /Engr. Nauman Khurram

HS Ideal Tower Bahria Town Lahore.(Raft foundation. Slab,Columns & Beams of First Floor)

Client Reference: HSIT/07

SOM Lab

Ref: 1751 (Page-1/1)

Dated: 03-09-2025

Dated: 09-09-2025

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 ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.673	8	1.000	0.79	0.786	28.61	38.02	79880	80290	106150	106690	1.30	8.0	16.3	
2	1.506	6	0.751	0.44	0.443	14.22	20.18	71280	70800	101170	100480	1.40	8.0	17.5	
3	0.652	4	0.494	0.20	0.192	6.42	8.77	70820	73770	96670	100700	1.10	8.0	13.8	
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BEND TEST:

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

Fazal Qadir XEN
 GE (Army)-1 Sialkot.(Const Of Office Complex PASB Deptt at Sik)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 6002/10/E-6

SOM Lab

Ref: 1752 (Page-1/1)

Dated: 20-06-2025

Dated: 09-09-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	1.512	6	0.752	0.44	0.444	15.55	20.46	77920	77220	102550	101620	1.20	8.0	15.0	
2	1.186	5	0.667	0.31	0.349	8.31	12.03	59110	52500	85580	76010	0.90	8.0	11.3	
3	0.674	4	0.502	0.20	0.198	6.73	8.43	74190	74940	92960	93900	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
# 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