

Hammad Ur Rehman

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

A/PM PMU NLC DHA Multan.(NLC Pulp Factory OHWT)

Client Reference: 607/Proj/Pulp Factory/NLC

Dated: 06-05-2025

SOM Lab Ref: CED/SOM/1210 (Page-1/1)

Dated: 14-05-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar (FF Steel)

Gauge Length: 200 mm

[illegible]

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	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

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

Dated:	14-05-2025
Dated:	14-05-2025
t Specification:	ASTM-A 615
Gauge Length:	200 mm

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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.813	25	24.88	491	486	234.70	324.50	478	483	661	668	37.5	200	18.8	
2	3.821	25	24.90	491	487	233.20	324.50	475	480	661	667	40.0	200	20.0	
3	2.461	20	19.98	314	313	143.20	210.20	456	457	669	671	40.0	200	20.0	
4	2.446	20	19.92	314	312	143.20	207.70	456	460	661	667	35.0	200	17.5	
5	1.557	16	15.89	201	198	94.20	126.00	469	475	627	636	32.5	200	16.3	
6	1.552	16	15.87	201	198	94.20	127.20	469	477	633	644	42.5	200	21.3	
7	0.875	12	11.92	113	112	59.00	77.00	522	530	681	691	32.5	200	16.3	
8	0.889	12	12.01	113	113	57.00	75.20	504	504	665	665	30.0	200	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
25mm	Sample bend through 180 degrees Satisfactorily without any crack										Note:- Only Twelve Samples Received and Tested				
20mm	Sample bend through 180 degrees Satisfactorily without any crack														
16mm	Sample bend through 180 degrees Satisfactorily without any crack														
12mm	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															

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

Dated: 14-05-2025

Dated: 14-05-2025

Test Specification: ASTM-A 615

Gauge Length: 200 mm

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BEND TEST:

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

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PM Hassan Construction Company.(Geniteam Head Office OnPlat No.30-B Zahoor Gulberg-2)

Office OnPlat No.30-B Zahoor Gulberg-2)

Ref: 1208 (Page-1/1)

Dated: 14-05-2025

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	1.462	6	0.740	0.44	0.430	14.58	18.60	73070	74770	93250	95420	1.60	8.0	20.0	
2	1.501	6	0.749	0.44	0.441	15.39	19.39	77160	76980	97180	96960	1.40	8.0	17.5	
3	0.651	4	0.493	0.20	0.191	6.80	8.74	74980	78510	96340	100870	1.20	8.0	15.0	
4	0.648	4	0.492	0.20	0.190	6.70	8.66	73850	77740	95550	100580	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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<u>BEND TEST:</u>															
# 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 Engr Civil National Skills University Islamabad.(Const of Admin Block Muridke Campus)

SOM Lab

Ref: 1209 (Page-1a/1)

Dated: 14-05-2025

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	1.020	5	0.618	0.31	0.300	9.09	13.91	64690	66850	98990	102290	1.20	8.0	15.0	
2	1.026	5	0.620	0.31	0.302	8.69	13.83	61790	63430	98410	101020	1.30	8.0	16.3	
3	1.022	5	0.618	0.31	0.300	8.87	13.88	63100	65200	98780	102070	1.20	8.0	15.0	
4	1.038	5	0.623	0.31	0.305	8.87	13.91	63100	64130	98990	100620	1.10	8.0	13.8	
5	1.032	5	0.621	0.31	0.303	8.89	13.88	63240	64700	98780	101060	1.10	8.0	13.8	
6	1.042	5	0.624	0.31	0.306	8.77	13.93	62370	63190	99140	100430	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Six Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															

Assistant Engr Civil National Skills University Islamabad.(Const of Admin Block Muridke Campus)

SOM Lab

Ref: 1209 (Page-1b/1)

Dated: 14-05-2025

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	0.669	4	0.501	0.20	0.197	6.01	9.28	66320	67330	102290	103850	1.30	8.0	16.3	
2	0.672	4	0.501	0.20	0.197	5.83	9.07	64300	65280	100050	101570	1.20	8.0	15.0	
3	0.673	4	0.502	0.20	0.198	5.83	9.25	64300	64950	101960	102990	1.30	8.0	16.3	
4	0.677	4	0.503	0.20	0.199	5.88	9.35	64860	65190	103080	103600	1.20	8.0	15.0	
5	0.676	4	0.503	0.20	0.199	5.91	9.12	65200	65530	100610	101110	1.10	8.0	13.8	
6	0.680	4	0.505	0.20	0.200	5.88	9.25	64860	64860	101960	101960	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
--	No Bend test performed										Note:- Only Six Samples Received and Tested				
Note: Please always confirm the results of above report on web www.uet-civil.edu.pk															

NESPAK ADP WASA, Lhr.(Rainwater Management-Drainage Arrangement For Sore Point at Tikka Chowk)

SOM Lab

Ref: 1211 (Page-1/1)

Dated: 14-05-2025

Test Specification:

ASTM-A-615

Sample Type:

Deformed Bar (Ak-Supreme Steel)

[illegible]

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples
Received and Tested

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

MP Project Ittefaq Building Solution Pvt Ltd.(Haider Saeed Commercial,Lahore)

SOM Lab

Ref: 1214 (Page-1/1)

Dated: 14-05-2025

Test Specification: ASTM-A-615

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	0.671	4	0.501	0.20	0.197	6.01	9.28	66320	67330	102290	103850	1.10	8.0	13.8	
2	0.668	4	0.500	0.20	0.196	6.88	8.99	75880	77430	99150	101170	1.00	8.0	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
# 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															

SUNSHINE HEALTH CARE
Lahore.(Project Sunshine Medical Tower Shahdra)

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

Client Reference: Nil

Dated: 14-05-2025

Test: Tension Test

Gauge Length: 8 inch

Test Specification:

Sample Type:

SOM Lab

Ref: 1218 (Page-1/1)

Dated: 14-05-2025

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	2.675	8	1.000	0.79	0.786	24.38	33.61	68070	68420	93830	94300	1.80	8.0	22.5	
2	2.665	8	0.998	0.79	0.783	24.28	33.71	67790	68400	94110	94950	1.70	8.0	21.3	
3	1.485	6	0.745	0.44	0.436	13.22	20.69	66270	66880	103720	104680	1.40	8.0	17.5	
4	1.467	6	0.741	0.44	0.431	12.90	20.44	64640	65990	102450	104590	1.30	8.0	16.3	
5	0.576	4	0.464	0.20	0.169	5.93	7.72	65420	77420	85100	100700	1.40	8.0	17.5	
6	0.584	4	0.468	0.20	0.172	5.91	7.72	65200	75810	85100	98950	1.50	8.0	18.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BEND TEST:</u>															
# 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															