

Test Performed By: Dr. /Engr. Nauman Khurram

Dated: 11-03-2025

Dated: 26-03-2025

Test Specification: ASTM-A 615

Gauge Length: 200 mm

[illegible]

BEND TEST:

--	No Bend test performed	Note:- Only Two Samples Received and Tested

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

Engr Qamar U Zaman, RE
Development Consultancy Services (Pvt) Ltd. (Development Of University Of Sahiwal at Distt Sahiwal)

Client Reference: <u>DCS/RE/UOS/2025/0322</u>		SOM Lab
Dated: 22-03-2025		Ref: 1020 (Page-1/1)
Test: Tension Test & Bend Test		Dated: 26-03-2025
Gauge Length: 8 inch	Test Specification:	ASTM-A-615
	Sample Type:	Deformed Bar (Ak Supreme)

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	2.735	8	1.012	0.79	0.804	27.03	36.41	75470	74160	101650	99880	1.20	8.0	15.0	
2	2.645	8	0.995	0.79	0.777	27.14	36.39	75760	77020	101600	103300	1.10	8.0	13.8	
3	1.488	6	0.746	0.44	0.437	14.93	21.12	74860	75370	105870	106600	1.00	8.0	12.5	
4	1.772	6	0.814	0.44	0.521	14.37	20.64	72050	60850	103470	87380	1.10	8.0	13.8	
5	0.656	4	0.496	0.20	0.193	7.19	9.35	79250	82120	103080	106820	0.90	8.0	11.3	
6	0.653	4	0.494	0.20	0.192	7.75	9.96	85430	88990	109820	114400	1.00	8.0	12.5	
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BEND TEST:															
# 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															

QAQC Manager Zameen Development.(Const. Of JADE Project by Zameen Development,Lahore)

Dr. /Engr. Wasim Abbas

Dated: 26-03-2025

Ref: 1022 (Page-1/1)

Dated: 26-03-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A-706

Def. Bar (H# SJ-114)

Gauge Length: 8 inch

Sample Type:

[illegible]

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

Mr Sulman **Test Performed By:** Dr. /Engr. Nauman Khurram
MM BH Consultants.(4-Storey Commercial Building Construction E1-Block Valancia Society Lahore)

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Mr Sulman **Test Performed By:** Dr. /Engr. Nauman Khurram
MM BH Consultants.(4-Storey Commercial Building Construction E1-Block Valancia Society Lahore)

Ref: 1023 (Page-1/1)

Dated: 26-03-2025

Test Specification: ASTM-A-706

Sample Type: Def. Bar (5 Star)

[illegible]

Mr Sulman **Test Performed By:** Dr. /Engr. Nauman Khurram
MM BH Consultants.(4-Storey Commercial Building Construction J-Block Valancia Society Lahore)

Mr Sulman **Test Performed By:** Dr. /Engr. Nauman Khurram
MM BH Consultants.(4-Storey Commercial Building Construction J-Block Valancia Society Lahore)

Mr Sulman **Test Performed By:** Dr. /Engr. Nauman Khurram
MM BH Consultants.(4-Storey Commercial Building Construction J-Block Valancia Society Lahore)

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Ref: 1024 (Page-1/1)
Dated: 26-03-2025

ASTM-A-706

Def. Bar (5 Star)

[illegible]

Dr. /Engr. Nauman Khurram

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26-03-2025

Sample Type: Deformed Bar (Al Moiz 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	2.631	8	0.992	0.79	0.773	25.28	33.89	70580	72130	94620	96700	1.70	8.0	21.3	
2	2.639	8	0.994	0.79	0.776	25.23	33.74	70440	71710	94200	95900	1.50	8.0	18.8	
3	1.494	6	0.748	0.44	0.439	13.97	18.98	70000	70160	95140	95360	1.40	8.0	17.5	
4	1.492	6	0.747	0.44	0.438	14.02	19.03	70260	70580	95400	95830	1.40	8.0	17.5	
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<u>BEND TEST:</u>															
# 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															

Engineer Muhammad Irfan
Dy Dir Infra. DHA Gujranwala.(Sector- D)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 111/DD/Lab/D/325

Dated: 25-03-2025

SOM Lab

Ref: 1026 (Page-1/1)

Dated: 26-03-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

[illegible]

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

PMU-SBP Lahore.(Completion of International Squash Complex at Nishtar Park Sports Complex Lhr)

Dr. /Engr. Asad Ali Gillani

SOM Lab
Ref: 1028 (Page-1/1)

Dated: 26-03-2025

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	0.641	4	0.489	0.20	0.188	6.17	9.38	68010	72350	103420	110020	0.80	8.0	10.0	
2	0.640	4	0.489	0.20	0.188	5.96	9.09	65760	69960	100270	106670	0.90	8.0	11.3	
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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															