

Qasim Ali

Project Head GIBS Builders & Dev Multan.(Const Of ETP Volka)

Test Performed By:

Dr. /Engr.

Irfan ul Hassan

Client Reference: Nil

SOM Lab Ref: CED/SOM/1273(Page-1/1)

Dated: 14-05-2025

Dated: 23-05-2025

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: Deformed Bar

Gauge Length: 200 mm

[illegible]

BEND TEST:

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

Sub Divisional Officer

Test Performed By: Dr. /Engr. Irfan Ul Hassan

Building Sub Div Hafizabad.(Program For Revamping of RHCS 02 Nos RHCS Hafizabad)

Client Reference: 780/HZ

SOM Lab

Ref: 1271 (Page-1/1)

Dated: 18-05-2025

Dated: 23-05-2025

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	0.662	4	0.498	0.20	0.195	5.61	8.46	61830	63410	93300	95690	1.20	8.0	15.0	
2	0.652	4	0.494	0.20	0.192	5.42	8.36	59800	62300	92180	96020	1.20	8.0	15.0	
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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															

Test Performed By: Dr. /Engr. Irfan ul Hassan

Test Performed By: Dr. /Engr. Irfan ul Hassan

SOM Lab
Ref: 1272(Page-1/1)

Dated: 23-05-2025

Test Specification: ASTM-A-615
Deformed Bar (Naveena

Sample Type: Steel)

[illegible]

BEND TEST:

# 6	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

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Muhammad Shafeeq
MP INDIGO Signature Apartments Lahore.

Test Performed By: Dr. /Engr. Irfan Ul Hassan

Client Reference: Nil

Dated: 21-05-2025

SOM Lab

Ref: 1275 (Page-1/1)

Dated: 23-05-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

[illegible]

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

Engr.Sohaib Nasir
PE Haji Sons Lahore.(Warehouse Project)

Test Performed By: Dr. /Engr. Irfan Ul Hassan

Client Reference:	<u>Nil</u>	SOM Lab	
Dated:	23-05-2025	Ref:	1276 (Page-1b/1)
Test:	Tension Test & Bend Test	Dated:	23-05-2025
Gauge Length:	8 inch	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	1.508	6	0.751	0.44	0.443	15.60	19.34	78180	77650	96930	96270	1.30	8.0	16.3	
2	1.513	6	0.753	0.44	0.445	15.60	19.42	78180	77300	97340	96240	1.50	8.0	18.8	
3	0.662	4	0.498	0.20	0.195	6.32	8.41	69700	71480	92740	95120	1.20	8.0	15.0	
4	0.663	4	0.498	0.20	0.195	6.54	8.43	72170	74020	92960	95350	1.30	8.0	16.3	
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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

Engr.Sohaib Nasir
PE Haji Sons Lahore.(Warehouse Project)

Test Performed By: Dr. /Engr. Irfan Ul Hassan

Client Reference:	<u>Nil</u>	SOM Lab	
Dated:	23-05-2025	Ref:	1276 (Page-1a/1)
Test:	Tension Test & Bend Test	Dated:	23-05-2025
Gauge Length:	8 inch	Test Specification:	ASTM-A-615
		Sample Type:	Deformed Bar (Sheikhoo Steel)

[illegible]

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