

Engr. Farrukh Alvi,
Dy.General Manager (Works)
Habib Rafiq Engineering (Pvt.) Ltd, Lahore
(101 Tower, Lahore)

Test Performed by: Dr. Asad Ali Gillani

Client Reference No.: HRLE/SKG/2025/L-17/106-28/204-A (Re-Test)
SOM Lab Ref: CED/SOM/938(Page-1/1)
Test: Tensile Test
Sample Type: M.S Deformed Steel bar with Coupler (Zahid Engineering)

Dated: 13-03-2025
Dated: 13-03-2025

Tension Test Results							
Sr. No.	Bar Size	Area	Yield Load	Ultimate Load	Yield Stress	Ultimate stress	Remarks
	(mm)	(mm²)	kN	kN	(Mpa)	(Mpa)	
1	28	616	278.0	379.2	451	616	Threaded Slippage failure
2	28	616	279.0	388.7	453	631	Threaded Slippage failure

Witnessed by: Hassan Iftikhar (Sr Lab Tech HRL), Najam Shabbir (Sr.Site Engr 101 Group)

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

PM DSG Energy Lahore.(Const Of Office Building at 29-M QIE,Lahore)

Dr. /Engr. Asad Ali Gillani

Dated: 18-03-2025

Ref: 937 (Page-1/1)

Dated: 13-03-2025

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Hunza 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	2.710	8	1.007	0.79	0.796	22.73	32.87	63460	62990	91780	91090	1.60	8.0	20.0	
2	2.694	8	1.004	0.79	0.792	22.29	32.31	62240	62080	90210	89990	1.70	8.0	21.3	
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<u>BEND TEST:</u>															
# 8	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															

Enviro Consult Fsd.(Strom Water Drainage and Temporary Storage System For Sore Point in Fsd)

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

Dated: 13-01-2025

Ref: 939 (Page-1/1)

Dated: 13-03-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar (SJ Steel)

[illegible][illegible]

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

Dr. /Engr. Asad Ali Gillani

SOM Lab

Ref: 940 (Page-1/1)

Test Specification:

Sample Type: Deformed Bar (Sheikhoo Steel)

[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

Tanveer Ahmad
Manager Civil Shangrila Foods (Pvt) Ltd.Karachi

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

Client Reference: Nil

Dated: 12-03-2025

SOM Lab

Ref: 942 (Page-1/1)

Dated: 13-03-2025

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	0.673	4	0.502	0.20	0.198	6.80	8.72	74980	75740	96110	97080	1.20	8.0	15.0	
2	0.702	4	0.512	0.20	0.206	6.65	8.69	73290	71160	95770	92980	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															

High Rise Builders Lahore

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

Client Reference: Nil

Dated: 13-03-2025

Test: Tension Test

Gauge Length: 8 inch

SOM Lab

Ref: 943 (Page-1/1)

Dated: 13-03-2025

Test Specification:

Sample Type:

ASTM-A-615

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

PM Jilani Poly Industries (Pvt) Ltd.(Const Of Jilani Poly-2 Exetension Sheikhpura)

Dr. /Engr. Asad Ali Gillani

Ref: 944 (Page-1/1)

Dated: 13-03-2025

Test Specification: ASTM-A-615

Sample Type: Deformed Bar

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

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