



**STRUCTURAL ENGINEERING DIVISION**  
**Test Floor Laboratory**  
**Department of Civil Engineering**  
**University of Engineering and Technology Lahore, 54890**  
**Pakistan. Ph: 92-42-99029202**

To,

Mr. Atta Farid  
R.E NESPAK, Okara  
Restoration/Improvement of Gogera-Jandraka (Length=11.10KM) Tehsil & District  
Okara (ADP-2024-25)

Reference # CED/TFL **6786** (Dr. M. Rizwan Riaz)

Dated: 07-04-2025

Reference of the request letter # 4834/Okara/RRP-24-25/RE/86

Dated: 12-03-2025

**Tension Test Report** (Page -1/1)

Date of Test 08-04-2025

Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in <sup>2</sup> )		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.379	3	0.377	0.11	0.111	40.20	52.00	82200	81120	106300	105000	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only one sample for Tensile test														
Bend Test														

Test Performed and Verified by:

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

Note:

- 1- You can See your reports On Internet in the following web site  
[http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing\\_reports](http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing_reports)
- 2- The above results pertain to sample /samples supplied to this laboratory.
- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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To,

M/s Al Nafay Business & Trading Corporation Pvt. Ltd.

Reference # CED/TFL **6787** (Dr. M. Rizwan Riaz)

Dated: 07-04-2025

Reference of the request letter # Nil

Dated: 07-04-2025

**Tension Test Report** (Page -1/1)

Date of Test 08-04-2025

Gauge length 8 inches

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Sr. No.	Weight	Diameter/ Size		Area (in <sup>2</sup> )		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (Inch)	Actual (inch)	Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.412	3/8	0.392	0.11	0.121	35.50	53.00	72600	65930	108300	98500	1.40	17.5	
2	0.411	3/8	0.392	0.11	0.121	36.50	54.50	74600	67810	111400	101300	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8 Bar Bend Test Through 180° is Satisfactory.														

Test Performed and Verified by:

**I/C Testing Laboratories**  
**UET Lahore, Pakistan.**

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