



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

To,  
M/s Prime Steel Re-Rolling Mills  
Sheikhupura

Reference # CED/TFL **4966** (Dr. Waseem Abbass)  
Reference of the request letter # Nil

Dated: 24-04-2024  
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**Tension Test Report** (Page -1/1)

Date of Test 24-04-2024  
Gauge length 8 inches  
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in <sup>2</sup> )		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.396	3	0.385	0.11	0.116	4050	5680	81200	76780	113900	107700	0.90	11.3	Prime Steel
2	0.367	3	0.371	0.11	0.108	4100	5500	82200	83730	110200	112400	0.90	11.3	
3	0.379	3	0.377	0.11	0.111	3790	5270	76000	74960	105600	104300	1.00	12.5	
4	0.387	3	0.381	0.11	0.114	3470	4990	69600	67250	100000	96800	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**Note: only four samples for tensile and four samples for bend test**

**Bend Test**

#3 Bar Bend Test Through 180° is Satisfactory

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**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