



**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 United Towers  
Badami Bagh, Lahore

Reference # CED/TFL **6327** (Dr. Asif Hameed)  
Reference of the request letter # JB-36M-T-BM-04-2025

Dated: 10-01-2025

Dated: 10-01-2025

**Tension Test Report** (Page -1/2)

Date of Test 10-01-2025  
Gauge length 8 inches  
Description Plain Steel Rod Tensile Test

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 (mm)	Actual (mm)	Actual	(kg)	(kg)	Actual	Actual	(inch)		
1	5.362	36	35.98	1.576	38600	65800	53980	92100	1.90	23.8	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only one sample for tensile test</b>											
Bend Test											

**I/C Testing Laboratories**  
**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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Reference # CED/TFL **6327** (Dr. Asif Hameed)  
Reference of the request letter # JB-36M-T-BM-03-2025 (P)

Dated: 10-01-2025

Dated: 10-01-2025

**Tension Test Report** (Page -2/2)

Date of Test 10-01-2025  
Gauge length 8 inches  
Description Plain Steel Rod Tensile Test

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 (mm)	Actual (mm)	Actual	(kg)	(kg)	Actual	Actual	(inch)		
1	5.319	36	35.84	1.563	-----	71000	-----	100100	0.30	3.8	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only one sample for tensile test</b>											
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