



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

To,
Construction Manager
Guarantee Engineers (Pvt) Ltd
Construction of Beaconhouse School System TNS 2.0 Gulberg-III Lahore

Reference # CED/TFL **1071** (Engr. M Rehan Ashraf)
Reference of the request letter # TNS/GE/ST/012

Dated: 16-03-2022
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Tension Test Report (Page -1/1)

Date of Test 16-03-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.387	10	9.66	0.12	0.114	3790	4960	69629	73470	91123	96200	1.40	17.5	
2	0.377	10	9.54	0.12	0.111	3890	4910	71466	77430	90205	97800	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Bar Bend Test Through 180° is Satisfactory														

Witness by Muhammad Ali Khan (Assistant Manager.) D.M.C

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
- 2- The above results pertain to sample /samples supplied to this laboratory.
- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples