



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

To,
 Resident Engineer
 G3 Engineering Consultants (Pvt.) Ltd.
 Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore

Reference # CED/TFL 2177 (Dr. M Rizwan Riaz)
 Reference of the request letter # G3/DHA-NLD/RE/109

Dated: 24-10-2022
 Dated: 21-10-2022

Tension Test Report (Page -1/1)

Date of Test 25-10-2022
 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 ²)		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	0.372	3	0.373	0.11	0.109	4000	5100	80200	80670	102200	102900	0.80	10.0	
2	0.382	3	0.378	0.11	0.112	4300	5300	86200	84460	106200	104100	1.00	12.5	
3	0.383	3	0.379	0.11	0.113	3800	5300	76200	74420	106200	103800	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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