



STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
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To,
M/S Defence Housing Authority.
Lahore Cantt
(Infra Development Works, DHA Ph-IX Prism, (Pkg-II, III & IV) (M/s NLC)

Reference # CED/TFL **35186** (Dr. Qasim Khan)
Reference of the request letter # 408/241/E/Lab/955/3422

Dated: 30-07-2020
Dated: 29-07-2020

Tension Test Report (Page -1/1)

Date of Test 04-08-2020
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	3200	4850	64200	64480	97200	97800	1.50	18.8	S.J. Steel
2	0.374	3	0.374	0.11	0.110	3200	4900	64200	64220	98200	98400	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two 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