



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

Ref: CED/TFL/05/33238
19

Dated: 15-05-

To
M/S Green Land Housing Scheme

Subject: **TESTING OF RCC SLAB**

Reference to your letter No. Nil, dated 15.05.2019 on the subject cited above. One RCC Slab as received by us have been tested as per the requirment in request letter. The results are tabulated as under.

Sr. No.	Load Carried in Third Point Flexure Test 'P'	
	Proof Load (kN)	Ultimate Load (kN)
1	1.50	3.00

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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- 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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To,
 Asstt: Executive Engineer-I
 Central Civil Division No. II,
 Pak P.W.D., Lahore
 (Construction of Warehouse for MCC at Thokar Niaz Baig Lahore)

Reference # CED/TFL **33270** (Dr. M Rizwan Riaz)
 Reference of the request letter # AEE-I/LCCD-III/LHR/34

Dated: 21-05-2019
 Dated: 06-05-2019

Tension Test Report (Page -1/1)

Date of Test 22-05-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (inch)		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	0.370	3/8	0.372	0.11	0.109	3410	5120	68400	69110	102600	103800	1.20	15.0	
2	0.374	3/8	0.374	0.11	0.110	3490	5200	70000	70030	104200	104400	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

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UET Lahore, Pakistan.

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To,
 Project Manager
 Liberty Builders
 Construction of Zee Avenue Project, 17-A, Cooper Road, Lahore
 (Model Power)

Reference # CED/TFL **33271** (Dr. M Rizwan Riaz)
 Reference of the request letter # CONC-20190521

Dated: 21-05-2019
 Dated: 21-05-2019

Tension Test Report (Page -1/1)

Date of Test 21-05-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile 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	3770	4990	75600	76070	100000	100700	0.80	10.0	
2	0.378	3	0.376	0.11	0.111	4430	5350	88800	87960	107200	106300	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and two samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
Resident Engineer
Zeeruk International (Pvt) Ltd
Construction of Lahore Eastern Bypass Package –II from Kala Khatai to Lahore – Sialkot
Including Kala Khatai Interchange

Reference # CED/TFL **33275** (Dr. M Rizwan Riaz)
Reference of the request letter # ZI/LEBP/RE/2019/239

Dated: 22-05-2019
Dated: 04-05-2019

Tension Test Report (Page – 1/1)

Date of Test 22-05-2019
Gauge length -----
Description Chain Link Fence Wire Tensile Test as per AASHTO-M-181

Sr. No.	Diameter of Wire	Breaking Load	Remarks
	(mm)	(kN)	
1	3.20	7.20	
2	3.20	7.50	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only Two Samples for Test			

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