



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 Karakoram Adventure Club
Gulshan Iqbal Park
Lahore

Reference # CED/TFL **35192** (Dr. Qasim Khan)
Reference of the request letter # Nil

Dated: 07-08-2020
Dated: 07-08-2020

Tension Test Report (Page – 1/1)

Date of Test 10-08-2020
Gauge length -----
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Yield Load	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	(kg)	
1	14	0.72	-----	11700	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Only one sample for Test					

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



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To,
M/S Axons Associates
Structural Consultants

Reference # CED/TFL **35193** (Dr. Usman Akmal)
Reference of the request letter # AA/ST/2501

Dated: 07-08-2020
Dated: 07-08-2020

Tension Test Report (Page -1/1)

Date of Test 10-08-2020

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	0.355	3	0.364	0.11	0.104	3700	5000	74200	78240	100200	105800	1.10	13.8	
2	0.352	3	0.363	0.11	0.103	3600	4900	72200	76710	98200	104500	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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