



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 Ann Global Private Limited
Lahore
(PCC poles at Sahiwal Pole Plant)

Reference # CED/TFL **1687** (Dr. Riaz Azam)
Reference of the request letter # ANN/UET/2022-09

Dated: 18-07-2022
Dated: 18-07-2022

Tension Test Report (Page – 1/1)

Date of Test 25-07-2021
Gauge length 640 mm
Description Steel Strand Tensile Test as per ASTM A-416-94a

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		% Elongation	Remarks/ Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)		
1	12.70 (1/2")	775.0	785	17200	168.73	19300	189.33	>3.50	xx
2	12.70 (1/2")	775.0	786	17500	171.68	19200	188.35	>3.50	xx
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
Only two samples 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



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 Rao Farman Ali Construction Company
Lahore
(Aghaaz Housing Project at Piplan Dist. Mianwali)

Reference # CED/TFL **1693** (Dr. M Rizwan Riaz)
Reference of the request letter # Nil

Dated: 20-07-2022
Dated: 19-07-2022

Tension Test Report (Page -1/1)

Date of Test 25-07-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend 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	0.373	3	0.373	0.11	0.110	3200	4900	64200	64380	98200	98600	0.90	11.3	Batala Steel
2	0.369	3	0.372	0.11	0.108	3100	4900	62200	63020	98200	99700	1.00	12.5	
3	0.375	3	0.374	0.11	0.110	3500	5000	70200	70040	100200	100100	1.10	13.8	Gujjar Steel
4	0.370	3	0.372	0.11	0.109	3300	4800	66200	66800	96200	97200	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only four 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														

Witness by Abdul Sattar (Sr. Lab. Tech. Aghaaz Housing Project at Piplan Dist. Mianwali)

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