



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/10/5780

Dated: 07-10-2024

Dated of Test: 09-10-2024

To

Resident Engineer
NESPAK

Construction of Carpet / PCC / Tuff Tile and Drainage Facilities in UC No. 197,
Dahaloki, Lahore.

Subject: **TESTING OF R.C.C. PIPE [ASTM-C76 - 08a]** (Page # 1/1)

Reference to your letter No. 3773/103/MHK/ADP/Dhaloki-(UI)/15,
dated 03.10.2024 on the subject cited above. One R.C.C. Pipe as received by us has been
tested. The results are tabulated as under.

Sr. No.	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	24	7.76	7.19	30.16	24.03	3.06	11600	17993	1776	2755

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,
General Manager – Technical
Gharibwal Cement Limited.
Lahore

Reference # CED/TFL **5793** (Dr. Safer Abbas)
Reference of the request letter # GCL/Purchase/UET/TEST/003

Dated: 09-10-2024
Dated: 09-10-2024

Tension Test Report (Page -1/1)

Date of Test 09-10-2024
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	0.406	10	9.90	0.12	0.119	3800	5600	69812	70170	102881	103500	0.80	10.0	
2	0.415	10	10.01	0.12	0.122	3900	5800	71650	70410	106556	104700	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,

QA/QC Manager
Future Developments Holdings (Pvt) Ltd.
Development of Capital Smart City
(Adventure Arena)

Reference # CED/TFL **5798** (Dr. Asif Hameed)
Reference of the request letter # FDHL/CSC/10/2024/330

Dated: 09-10-2024
Dated: 08-10-2024

Tension Test Report (Page – 1/1)

Date of Test 09-10-2024
Description Galvanized Steel Core Wire (Rope) Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load		Remarks / Coil No.
	(mm)	(kg/m)	(kg)	(kN)	
1	16	0.96	15100	148.13	
-	-	-	-		
-	-	-	-		
-	-	-	-		
-	-	-	-		
Only one sample for Test					

Witness by Aqil Mukhtar (Lab. Tech. FDH)

I/C Testing Laboratoires
UET Lahore, Pakistan.

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