



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

To,
Major Muhammad Modood
Project Officer
479 Bridge Battalion Engineers
Akora Bridge Camp
(PAk-Afg Border Security Fence)

Reference # CED/TFL **34502** (Dr. Ali Ahmed)
Reference of the request letter # 607/Fence/G

Dated: 17-01-2020

Dated: 17-01-2020

Tension Test Report (Page – 1/1)

Date of Test 21-01-2020

Description SWR Breaking Load Test

Sr. No.	Diameter	Measured weight	Breaking Load		Remarks / Coil No.
	(mm)	(kg/km)	(kg)	(kN)	
1	6.11	174.33	2700	26.49	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
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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Ref: CED/TFL/01/34509
2020

Dated: 20-01-

Dated of Test: 21-01-2020

To
Resident Engineer
NESPAK
Infrastructure Works of DHA Housing Scheme Gujranwala

Subject: **TESTING OF R.C.C. PIPE [ASTM-C76]**

Reference to your letter No. 4055/13/SA/07/486, dated 06.01.2020 on the subject cited above. Two R.C.C. Pipes as received by us have 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
	(mm)	(m)	(m)	(mm)	(mm)	(mm)	(kg)	(kg)	N/m/mm	N/m/mm
1	533.4 (21")	2.360	2.144	670.00	523.80	73.10	18530	25330	161.87	221.27
2	914.4 (36")	2.448	2.340	1119.00	909.00	105.00	24360	36000	112.35	166.03

I/C Testing Laboratoires
UET Lahore, Pakistan.

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Ref: CED/TFL/01/34511

Dated: 20-01-2020

Dated of Test: 21-01-2020

To
Assistant Director (QCD)
WASA, LDA, Lahore
(M/s Allahoo Yasir Pipe Factory)

Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/01/34511)

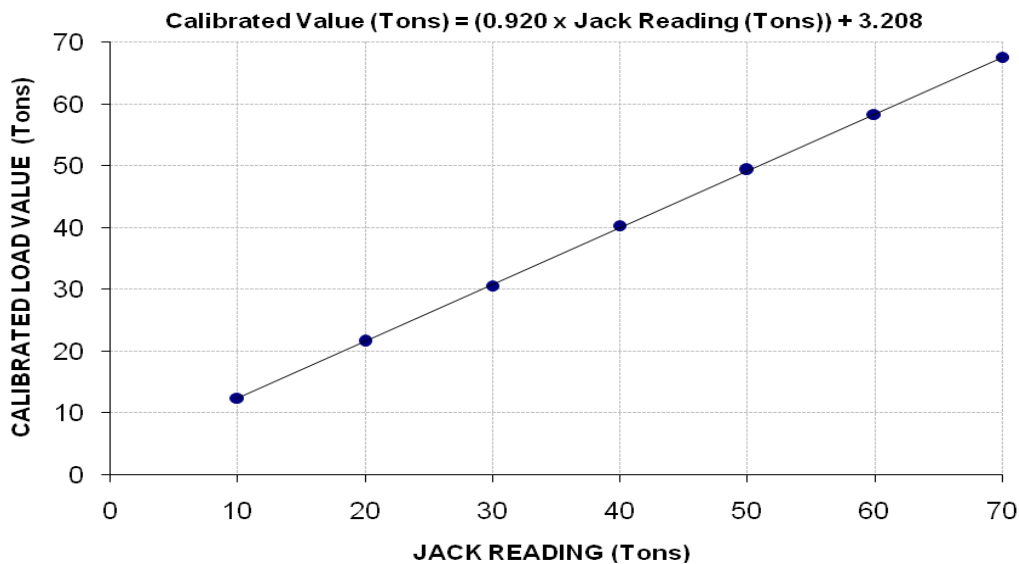
Reference to your Letter No. QCD/1016-17, dated: 10/10/2019 on the subject cited above. One Hydraulic Jack as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 100 (Ton)
Calibrated Range : Zero - 70 (Ton)

Hydraulic Jack Reading (Ton)	10	20	30	40	50	60	70	
Calibrated Load	(kg)	11300	19600	27800	36600	44800	53000	61400
	(Ton)	12.44	21.58	30.61	40.30	49.33	58.36	67.61

1000 Kg = 1.1011 Ton

Calibration Curve For Jack



I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Decent Builders
Lahore Cantt

Reference # CED/TFL **34515** (Dr. Ali Ahmed)
Reference of the request letter # Nil

Dated: 21-01-2020

Dated: 21-01-2020

Tension Test Report (Page – 1/1)

Date of Test 21-01-2020
Gauge length 2 inches
Description G.I. Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	G.I. Steel	23.40x1.50	35.10	900	1100	251.54	307.44	0.65	32.50	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only One Sample for Tensile Test										
Bend Test										

I/C Testing Laboratories
UET Lahore, Pakistan.

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