



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/01/2709

Dated: 31-01-2023

Dated of Test: 07-02-2023

To

Sub Divisional Officer
Public Health Engg. Sub Division
Hafizabad
(Provision of Tuff Tile and Drainage / Sewerage System at Town Committee
Vanikey Tarar, Hafizabad

Subject: **TESTING OF R.C.C. PIPE [ASTM-C76 - 08a]**

Reference to your letter No. 1315/H, dated 02.09.2022 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
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	12	7.78	7.28	15.87	11.73	2.07	9500	12500	2941	3870
2	15	7.76	7.33	23.35	18.55	2.40	8500	16000	1654	3113

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/02/2740

Dated: 06-02-2023

Dated of Test: 07-02-2023

To

Al Aryan Pipe Factory.
Daewoo Road near Total Pump
Faisalabad

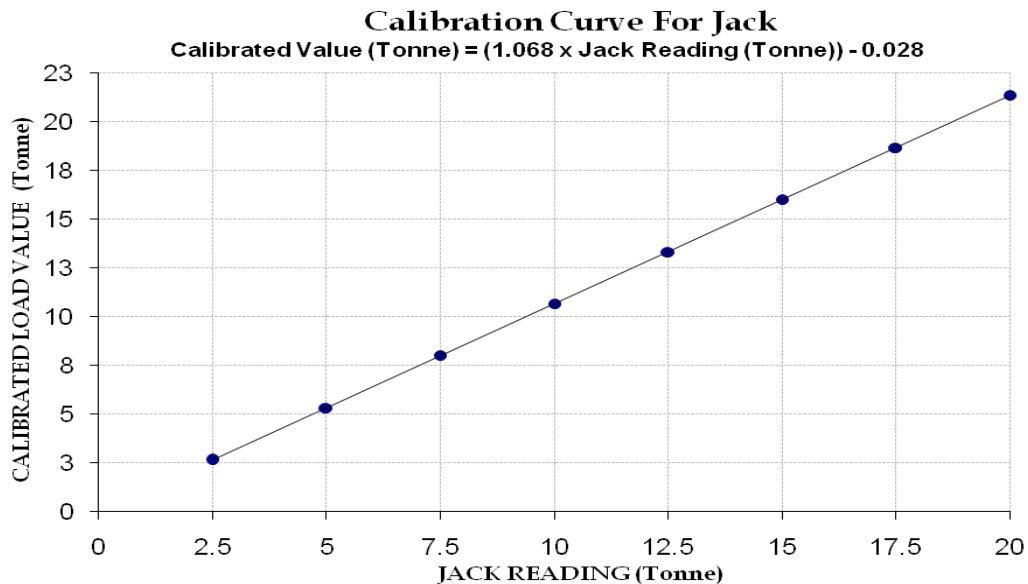
Subject: - CALIBRATION OF HYDRAULIC JACK. (MARK: TFL/02/2740)

Reference to your Letter No. Nil, Dated: 06/02/2023 on the subject cited above. One Hydraulic Jack with Gauge as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 25 (Tonne)
Calibrated Range : Zero - 20 (Tonne)

Hydraulic Jack Reading (Tonne)	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	
Calibrated Load	(kg)	2650	5300	8000	10650	13300	16000	18650	21350
	(Tonne)	2.65	5.30	8.00	10.65	13.30	16.00	18.65	21.35

1 Tonne = 1000 kg



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