

Ref: CED/TFL/08/7372

Dated: 13-08-2025

Dated of Test: 21-08-2025 (Dr. Asif Hameed)

To

Resident Engineer

ESS-I-AAR

RCC Sewer Lines at Dehli-Multan Road From Babar Chowk to Darama Wala Morr (Right Side), Wasa Multan

Subject: **TESTING OF R.C.C. PIPE**

Reference to your letter no: 5269/WASA on dated 16.07.2025 on the subject cited above. Three R.C.C. Pipes 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	D-Load (0.01 inch)	D-Load Ultimate
	(inch)	(inch)	(inch)	(inch)	(inch)	(inch)	(kg)	(kg)	Lbs/Linear foot/foot	Lbs/Linear foot/foot
1	12	92.7	88.1	16.1	11.97	2.07	9500	14000	2861	4216
2	18	93.0	87.6	23.1	18.03	2.53	8000	11500	1608	2311
3	24	92.6	86.1	30.1	24.03	3.03	20124	31844	3087	4885

Test Performed and Verified by:

Ref: CED/TFL/08/7398

Dated: 21-08-2025

Dated of Test: 21-08-2025 (Dr. Asif Hameed)

To

Deputy Director (QCD)
Water and Sanitation Agency, Faisalabad.
(M/s Kashmir Builders RCC Pipe Manufacturing Factory, P-27, Street # 3-B Raza Garden Canal Road Faisalabad)

Subject: - CALIBRATION OF HYDRAULIC JACK WITH GAUGE (EN-937-I)
(MARK: TFL/08/7398)

Reference to your Letter No. 295/DD(QCD)/WASA/2025, Dated: 15/07/2025 on the subject cited above. One Hydraulic Jack with Gauge (EN-837-I) as received by us has been calibrated. The results are tabulated as under:

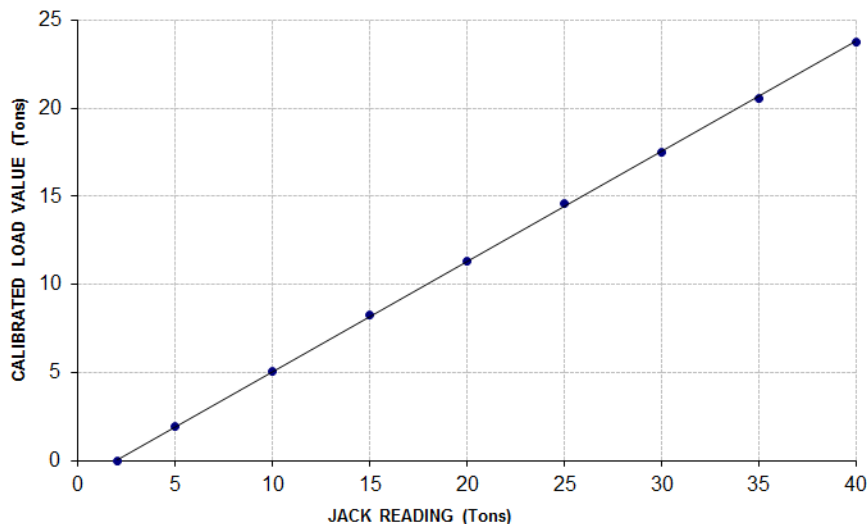
Total Range : Zero - 50 (Ton)
Calibrated Range : Zero - 40 (Ton)

Hydraulic Jack Reading (Ton)		2	5	10	15	20	25	30	35	40
Calibrated Load	(kg)	0	1750	4600	7500	10300	13250	15900	18700	21600
	(Ton)	0	1.9	5.1	8.3	11.3	14.6	17.5	20.6	23.8

1000 Kg = 1.1011 Ton

Calibration Curve For Jack

Calibrated Value (Tons) = (0.6244 x Jack Reading (Tons)) - 1.1745



Test Performed and Verified by: