

Ref: CED/TFL/06/7057

Dated: 02-06-2025

Dated of Test: 16-06-2025 (Dr. Safeer Abbas)

To

**Municipal Officer (Infrastructure)
Municipal Committee, Narowal
Construction /Rehabilitation of Sewerage, Tuff Tile Makki Masjid Chowk to
Chan Peer Darbar Road VIA Chowk AHL-E-Hadees in City Narowal**

Subject: **TESTING OF R.C.C. PIPE (Page-1/2)**

Reference to your letter no: MCN/MOI/2025/314 on dated 08.02.2025 on the subject cited above. Two 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	93.2	88.1	16.0	12.27	1.87	10000	12500	2938	3672
2	24	92.4	86.0	30.0	24.13	2.93	15862	26517	2426	4056

Test Performed and Verified by:

Ref: CED/TFL/06/7057

Dated: 02-06-2025

Dated of Test: 16-06-2025 (Dr. M. Kashif)

To

**Municipal Officer (I& S)
Municipal Committee, Hafizabad
Rehabilitation & Augmentation of Sewerage System at Jagganwala Road in M.C,
Hafizabad**

Subject: **TESTING OF R.C.C. PIPE (Page-2/2)**

Reference to your letter no: MC/HFD/145 on dated 17.05.2025 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	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	24	93.3	85.4	29.7	24.03	2.83	4140	6270	640	970

Test Performed and Verified by:

Ref: CED/TFL/06/7070

Dated: 04-06-2025

Dated of Test: 16-06-2025 (Dr. Safeer Abbas)

To

Mr. Rashid Kamran (Resident Engineer)
Nespak (Pvt.) Ltd.
Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-
Lahore (Package-5 & 6)

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

Reference to your letter no: 2599/13/RK/03-P-5&6/328 on dated 08.02.2025

on the subject cited above. Two 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	9	93.0	88.0	11.10	8.97	1.07	4500	6000	1810	2414
2	12	92.8	88.1	15.60	12.00	1.80	13500	17000	4054	5105

Test Performed and Verified by:

Ref: CED/TFL/06/7072

Dated: 05-06-2025

Dated of Test: 16-06-2025 (Dr. Safeer Abbas)

To

**Sub Divisional Officer
Public Health Engg: Sub Division Ferozewala
Improvement & Rehabilitation of Water Supply, Sewerage, Drainage at Wandala
Dial Shah UC27, 28, 29 & Allied Abadies District Sheikhpura**

Subject: **TESTING OF R.C.C. PIPE (Page-1/1)**

Reference to your letter no: 90/E on dated 08.05.2025 on the subject cited above. Two 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	92.8	88.4	16.0	12.00	2.00	14200	17500	4250	5237
2	18	93.4	87.7	23.1	18.43	2.33	9500	13500	1752	2489

Test Performed and Verified by:

Ref: CED/TFL/06/7080

Dated: 13-06-2025

Dated of Test: 16-06-2025 (Dr. Muhammad Kashif)

To,

Depuyty Director (QCD)
Water and Sanitation Agency
Faisalabad
(M/s S.A RCC Pipe Manufacturing Factory Near Street No.2 ZIA Town Canal Road,
Faisalabad.)

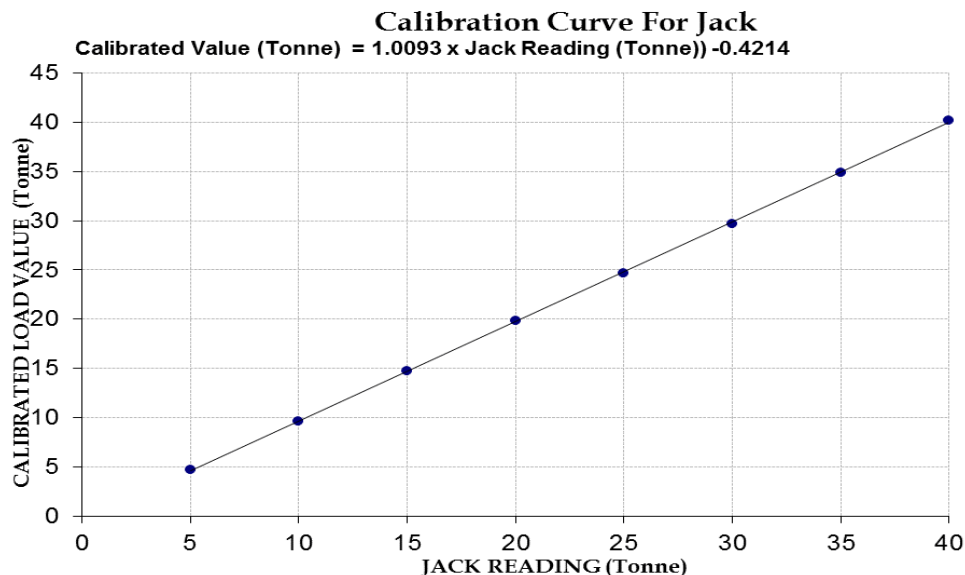
**Subject: - CALIBRATION OF HYDRAULIC JACK WITH GAUGE
(MARK: TFL/06/7080)**

Reference to your Letter No. 223/DD(QCD)/WASA/2025, Dated: 11/06/2025 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 - 50 (Tonne)
Calibrated Range : Zero - 40 (Tonne)

Hydraulic Jack Reading (Tonne)		5	10	15	20	25	30	35	40
Calibrated Load	(kg)	4700	9650	14750	19800	24700	29700	34850	40150
	(Tonne)	4.70	9.65	14.75	19.80	24.70	29.70	34.85	40.15

1000 kg = 1 Tonne



Test Performed and Verified by:

To,
 Mr. Munir Ahmed Ansari (Admin Manager)
 The Signatures
 MCB-Fazaia Housing Society, Lahore

Reference # CED/TFL 7081 (Dr. Rizwan Riaz)
 Reference of the request letter # Nil

Dated: 13-06-2025
 Dated: 13-06-2025

Tension Test Report (Page-1/1)

Date of Test 16-06-2025
 Gauge Length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in ²)		Yield Load (kN)	Breaking Load (kN)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.378	3	0.376	0.110	0.111	32.70	45.00	66803	66137	91931	91014	1.3	16.3	3"/8
2	0.397	3	0.386	0.110	0.117	33.70	46.70	68846	64857	95403	89877	1.4	17.5	3"/8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 0 Samples for Bend test

Bend Test

Test Performed and Verified by:

To,
 Sub Divisional Officer
 Buildings Sub Division, Shakargarh
 Establishment of Civil Veterinary Dispensary at Village Haryal Tehsil Shakargarh District Narowal

Reference # CED/TFL 7083 (Dr. Rizwan Riaz)
 Reference of the request letter # 2076/Sg

Dated: 16-06-2025
 Dated: 07-03-2025

Tension Test Report (Page-1/1)

Date of Test 16-06-2025
 Gauge Length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Actual Weight Per Unit Length (lb/ft)	Nominal Size (#)	Actual Diameter (inch)	Area (in ²)		Yield Load (kN)	Breaking Load (kN)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.366	3	0.370	0.110	0.108	34.00	44.00	69459	71063	89888	91963	1.1	13.8	-
2	0.369	3	0.371	0.110	0.108	33.20	42.70	67824	68877	87232	88586	1.2	15.0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 0 Samples for Bend test														

Bend Test														

Test Performed and Verified by:

Ref: CED/TFL/06/7057

Dated: 02-06-2025

Dated of Test: 16-06-2025 (Dr. Safeer Abbas)

To

**Municipal Officer (Infrastructure)
Municipal Committee, Narowal
Construction /Rehabilitation of Sewerage, Tuff Tile Makki Masjid Chowk to
Chan Peer Darbar Road VIA Chowk AHL-E-Hadees in City Narowal**

Subject: **TESTING OF R.C.C. PIPE (Page-1/2)**

Reference to your letter no: MCN/MOI/2025/314 on dated 08.02.2025 on the subject cited above. Two 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
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Test Performed and Verified by:

Ref: CED/TFL/06/7057

Dated: 02-06-2025

Dated of Test: 16-06-2025 (Dr. M. Kashif)

To

**Municipal Officer (I& S)
Municipal Committee, Hafizabad
Rehabilitation & Augmentation of Sewerage System at Jagganwala Road in M.C,
Hafizabad**

Subject: **TESTING OF R.C.C. PIPE (Page-2/2)**

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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	24	93.3	85.4	29.7	24.03	2.83	4140	6270	640	970

Test Performed and Verified by:

Ref: CED/TFL/06/7070

Dated: 04-06-2025

Dated of Test: 16-06-2025 (Dr. Safeer Abbas)

To

Mr. Rashid Kamran (Resident Engineer)
Nespak (Pvt.) Ltd.
Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-
Lahore (Package-5 & 6)

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

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Dated: 05-06-2025

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To

**Sub Divisional Officer
Public Health Engg: Sub Division Ferozewala
Improvement & Rehabilitation of Water Supply, Sewerage, Drainage at Wandala
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Subject: **TESTING OF R.C.C. PIPE (Page-1/1)**

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Dated: 13-06-2025

Dated of Test: 16-06-2025 (Dr. Muhammad Kashif)

To,

Depuyty Director (QCD)
Water and Sanitation Agency
Faisalabad
(M/s S.A RCC Pipe Manufacturing Factory Near Street No.2 ZIA Town Canal Road,
Faisalabad.)

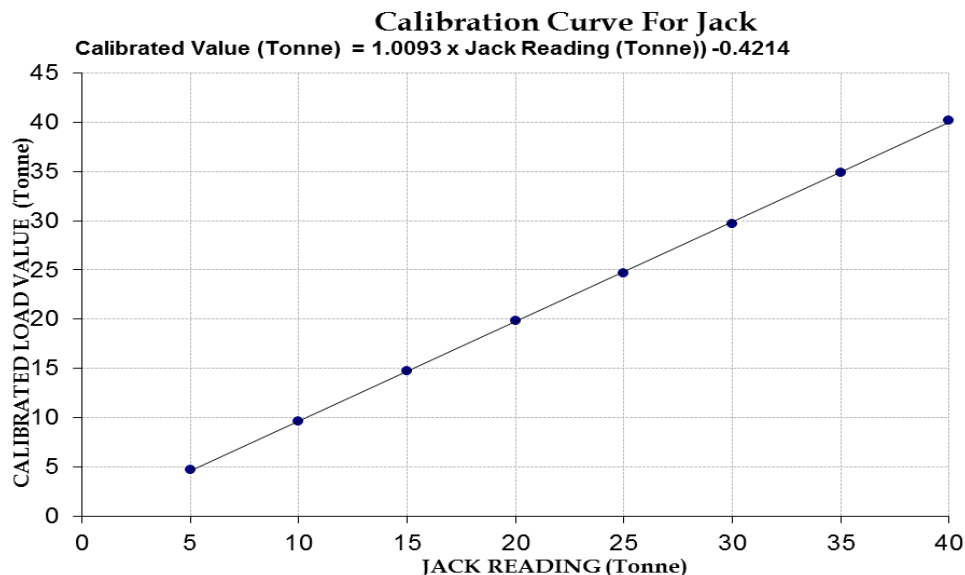
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(MARK: TFL/06/7080)**

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Reference # CED/TFL 7081 (Dr. Rizwan Riaz)
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Dated: 13-06-2025
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 0 Samples for Bend test

Bend Test

Test Performed and Verified by:

To,
 Sub Divisional Officer
 Buildings Sub Division, Shakargarh
 Establishment of Civil Veterinary Dispensary at Village Haryal Tehsil Shakargarh District Narowal

Reference # CED/TFL 7083 (Dr. Rizwan Riaz)
 Reference of the request letter # 2076/Sg

Dated: 16-06-2025
 Dated: 07-03-2025

Tension Test Report (Page-1/1)

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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Bend Test														

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