Ref: CED/TFL/08/7352-7620 Dated: 08-08-2025

Dated of Test: 09-10-2025 (Dr. Ali Ahmed)

To

Deputy Director (QCD)
Water and Sanitation Agency, Faisalabad
(M/s Saleem RCC Pipe Manufacturing Factory, 32-X-7 Madina Town, Faisalabad)

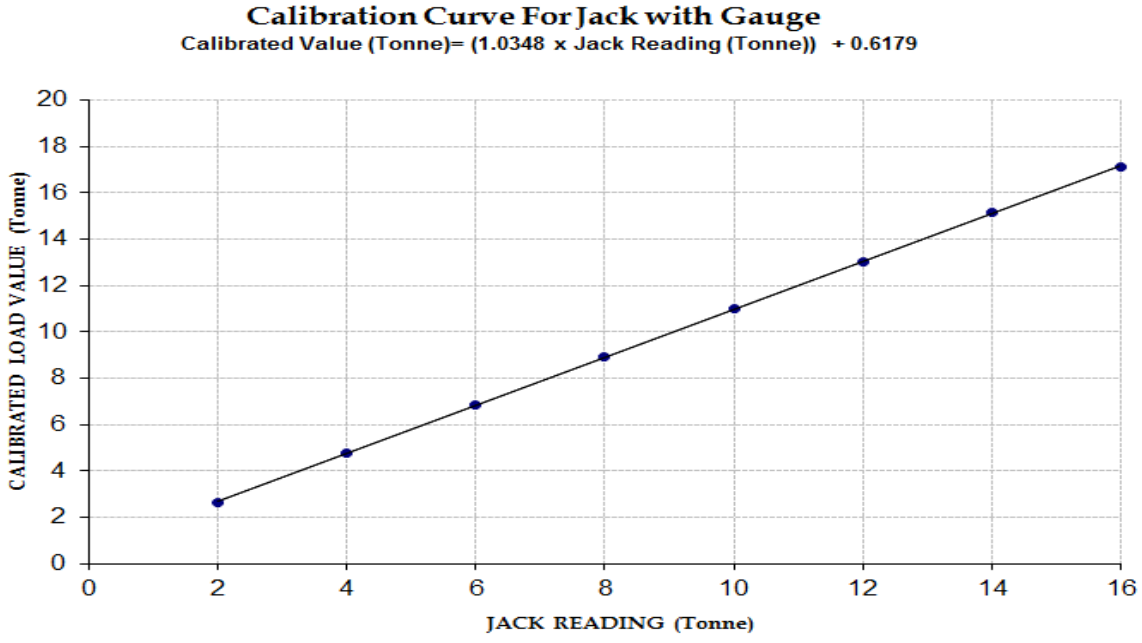
Subject: **- CALIBRATION OF HYDRAULIC JACK. (MARK: TFL/08/7352-7620)**

Reference to your Letter No. 242/DD(QCD)/WASA/2025, Dated: 21/06/2025 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 - 20 (Tonne)
Calibrated Range : Zero - 16 (Tonne)

Hydraulic Jack Reading (Tonne)		**2.0**	**4.0**	**6.0**	**8.0**	**10.0**	**12.0**	**14.0**	**16.0**
Calibrated Load	**(kg)**	**2650**	**4750**	**6850**	**8900**	**11000**	**13050**	**15150**	**17100**
	(Tonne)	**2.65**	**4.75**	**6.85**	**8.90**	**11.00**	**13.05**	**15.15**	**17.10**

1 Tonne = 1000 kg



Test Performed and Verified by:

To,
Senior Engineer
Sarhad Rural Support Proagramme
Construction of Patai and Ursoon Bridge in UC Ashrait District Chitral (PAK-SRSP-CHI-019)

Reference # CED/TFL **7582-761**1(Dr. Ali Ahmad) Dated: 02-10-2025
Reference of the request letter # SRSP-PATRIP-ENGR/10-25-52 Dated: 01-10-2025

Tension Test Report

Date of Test 09-10-2025
Gauge Length 2 inches
Description I-Beam Steel Strips Tensile Test Report

Sr. No.	Designation	Size of Strip	X Section Area	Yield Load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(Inch)	(mm)	(mm^2)	(kg)	(kg)	(MPa)	(MPa)	(inch)		
1	I-Beam (200x100)	24.70 x 6.80	167.96	8020	13350	468.4	779.7	0.6	30.0	-
2	I-Beam (300x150)	24.70 x 11.00	271.70	9020	14270	325.7	515.2	0.7	35.0	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 0 Samples for Bend test										

Bend Test

Test Performed and Verified by:

To,
Senior Engineer
Sarhad Rural Support Proagramme
Construction of Patai and Ursoon Bridge in UC Ashrait District Chitral (PAK-SRSP-CHI-019)

Reference # CED/TFL **7582-7611** (Dr. Ali Ahmed) Dated: 02-10-2025
Reference of the request letter # SRSP-PATRIP-ENGR/10-25-52 Dated: 01-10-2025

Weight &Size Test Report (Page – 2/2)

Date of Test 09-10-2025
Description Unit Weight and Size Test

Sr. No.	Designation	Weight	Length	Weight per Unit Length	Depth of Beam	Thickness of Web	Thickness of Flange	Depth of Flange	Remark
	(inch)	(g)	(mm)	(kg/m)	(mm)	(mm)	(mm)	(mm)	
1	**I-Beam (200x100)**	**3936**	**167.8**	**23.46**	**190.4**	**6.8**	**8.3**	**104.2**	**-**
2	**I-Beam (300x150)**	**7800**	**142.7**	**54.66**	**297.0**	**11.0**	**13.2**	**148.9**	**-**
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
Only two samples for test									
-	-	-	-	-		-	-		-

Test Performed and Verified by:

Ref: CED/TFL/10/7591 Dated: 02-10-2025

Dated of Test: 09-10-2025 (Dr. Ali Ahmed)

To

Assistant Director (QCD)
WASA, Lahore
(M/s Riaz RCC Pipe Factory))

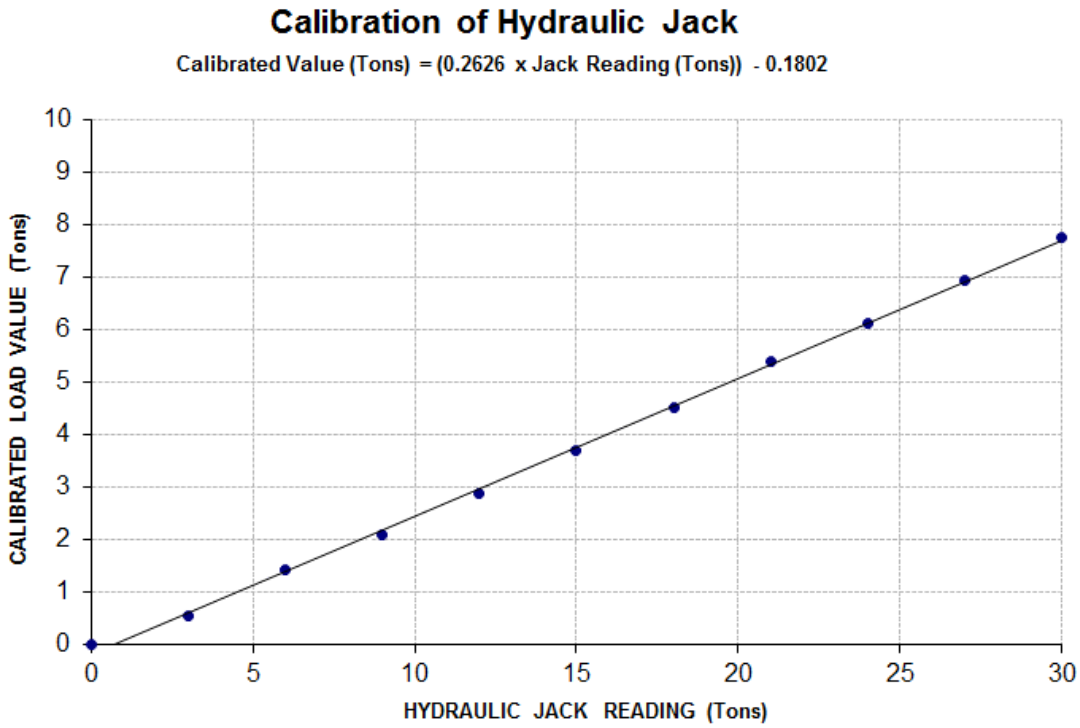
Subject: **- CALIBRATION OF HYDRAULIC JACK (MARK:TFL/10/7591)**

Reference to your Letter No. QCD/3814, Dated: 01/09/2025 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 - 60 (Ton)
Calibrated Range : Zero - 30 (Ton)

Hydraulic Jack Reading (Ton)		**3**	**6**	**9**	**12**	**15**	**18**	**21**	**24**	**27**	**30**
Calibrated Load	**(kg)**	**500**	**1300**	**1900**	**2600**	**3350**	**4100**	**4900**	**5550**	**6300**	**7050**
	(Ton)	**0.6**	**1.4**	**2.1**	**2.9**	**3.7**	**4.5**	**5.4**	**6.1**	**6.7**	**7.8**

1000 Kg = 1.1011 Ton



Test Performed and Verified by: