Ref: CED/TFL/08/7425 Dated: 27-08-2025

Dated of Test: 01-09-2025 (Dr. M. Kashif)

To

Assistant Director (QCD)
Wasa, Lahore.

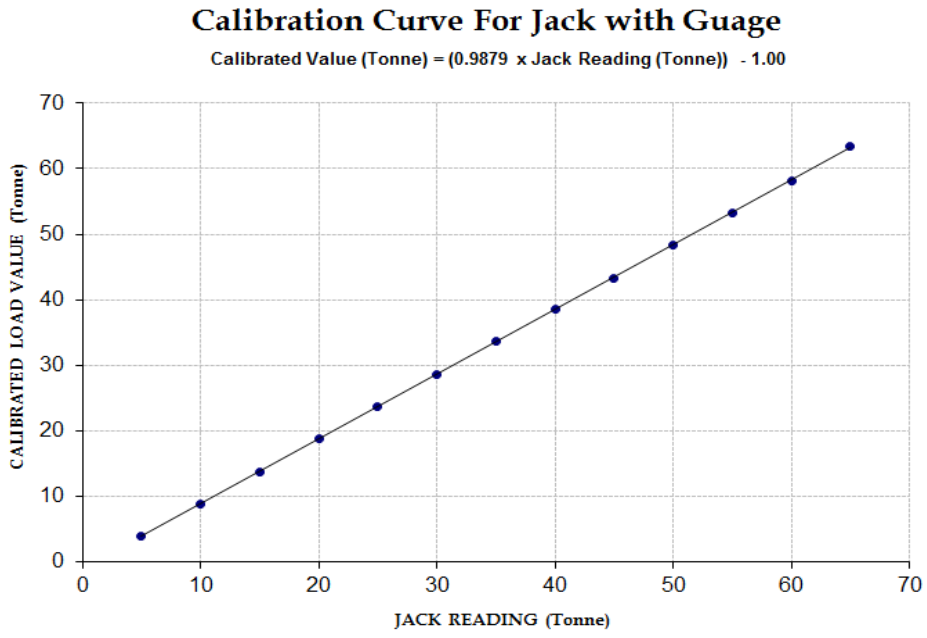
Subject: **- CALIBRATION OF HYDRAULIC JACK WITH GAUGE**
(MARK: TFL/08/7425) (Page-1/1)

Reference to your Letter No. QCD/3714, Dated: 25/08/2025 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 - 80 (Tonne)
Calibrated Range : Zero - 65 (Tonne)

Hydraulic Jack Reading (Tonne)		**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**
Calibrated Load	**(kg)**	**4000**	**8800**	**13800**	**18800**	**23700**	**28600**	**33700**	**38600**	**43300**	**48400**	**53200**	**58200**	**63400**
	(Tonne)	**4.00**	**8.80**	**13.80**	**18.80**	**23.70**	**28.60**	**33.70**	**38.60**	**43.30**	**48.40**	**53.20**	**58.20**	**63.40**

1000 kg = 1 Tonne



Test Performed and Verified by:

To,

Mr. Sabir Khan (Admin Incharge)
Linker Deelopers (Pvt.) Ltd.
Construction of Warehouse at Emirates, Nathaykhalsa Multan Road
(Markhor Steel)

Reference # CED/TFL **7426** (Dr. Rizwan Azam) Dated: 27-08-2025
Reference of the request letter # Linker/08/25/017 Dated: 26-08-2025

Tension Test Report (Page-1/1)

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	**0.367**	**3**	**0.371**	**0.110**	**0.108**	**37.50**	**48.20**	**76609**	**78089**	**98468**	**100370**	**0.9**	**11.3**	-
2	**0.365**	**3**	**0.370**	**0.110**	**0.107**	**37.20**	**47.50**	**75996**	**77957**	**97038**	**99542**	**1.1**	**13.8**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

Ref: CED/TFL/08/7428 Dated: 27-08-2025

Date of Test: 01-09-2025 (Dr. M. Kashif)

To,

Mr. Fayyaz Ahmad (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Arterial Main, Secondary and Distribution Network in the Eastern Part of the City Faisalabad (Laying of HDPE) Arterial Main From Lower Canal Jaranwala Road to Fish Farm Chowk and Distribution Centre of Zone-5.

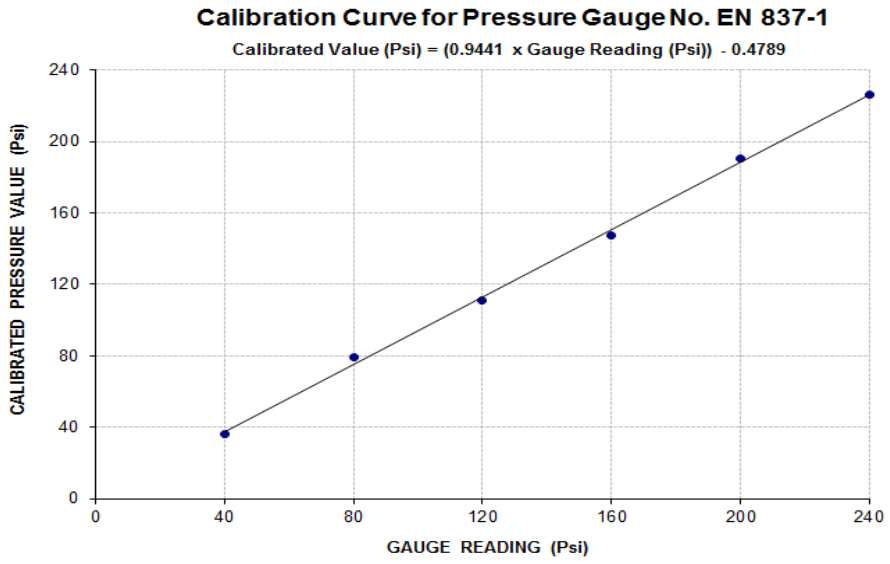
Subject: **- CALIBRATION OF PRESSURE GAUGE (MARK: TFL/08/7428)** (Page # 1/1)

Reference to your Letter No. 4707/11/FA/01/FSD/20, Dated: 28/07/2025 on the subject cited above. One Pressure Gauge no. EN 837-1 as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 290 (Psi)
Calibrated Range : Zero - 240 (Psi)

Pressure Gauge Reading (Psi)	**40**	**80**	**120**	**160**	**200**	**240**
Calibrated Load (kg)	**500**	**1100**	**1550**	**2050**	**2650**	**3150**
Calibrated Pressure (Psi)	**36**	**79**	**111**	**147**	**190**	**226**

The Ram Area for Calibration = 198 cm^2



Test Performed and Verified by:

To,

Engr. Riaz Ahmad (The Engineer's Rep/RE, A&D)
Metroplan-Asian JV
Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1
(Package-A&D) (FF Steel)

Reference # CED/TFL **7430** (Dr. Safeer Abbas) Dated: 27-08-2025
Reference of the request letter # Metroplan-Asian(JV)/NSICTR/RE(A&D)/274 Dated: 25-08-2025

Tension Test Report

Date of Test 28-08-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	**0.372**	**3**	**0.373**	**0.110**	**0.109**	**33.20**	**47.20**	**67824**	**68254**	**96425**	**97036**	**1.1**	**13.8**	-
2	**0.374**	**3**	**0.374**	**0.110**	**0.11**	**33.50**	**47.70**	**68437**	**68448**	**97446**	**97462**	**1.2**	**15.0**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Urwa Zaheer
HS Ideal Tower, Bahria Town, Lahore
HS Ideal Tower, Bahria Town, Lahore (Raft foundationof Sump Area, Lift Area)

Reference # CED/TFL **7433** (Dr. M Kashif) Dated: 28-08-2025
Reference of the request letter # HSIT/05 Dated: 27-08-2025

Tension Test Report

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.374	3	0.374	0.110	0.1098	35.00	47.70	71502	71653	97446	97652	1.3	16.3	-
2	0.367	3	0.370	0.110	0.1078	33.00	46.50	67416	68821	94995	96975	1.3	16.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Ms. Sana Meraj (Lead Engineer)
Building Standards Ltd.
-

Reference # CED/TFL **7434** (Dr. Rizwan Azam) Dated: 28-08-2025
Reference of the request letter # BS/250827-028 Dated: 27-08-2025

Tension Test Report

Date of Test 01-09-2025
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 (mm)	Actual Diameter (inch)	Area (in^2)		Yield Load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.356	10	0.365	0.120	0.1047	31.20	46.20	58427	66972	86517	99169	1.1	13.8	-
2	0.360	10	0.367	0.120	0.1056	31.50	45.70	58989	67008	85581	97214	1.2	15.0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Bend Test

Test Performed and Verified by:

To,

M/S Altec International, Lahore

Reference # CED/TFL **7437** (Dr. M. Kashif) Dated: 28-08-2025
Reference of the request letter # Nil Dated: 25-08-2025

Tension Test Report (Page – 1/1)

Date of Test 01-09-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight			Breaking Load	Remarks / Coil No.
	(mm)	Weight (g)	Length (cm)	(kg/m)	(kg)	
1	**8.3**	**270.0**	**105.4**	**0.26**	**4700**	**-**
2	**8.3**	**344.0**	**134.4**	**0.26**	**4400**	**-**
3	**8.3**	**316.0**	**119.0**	**0.27**	**4600**	**-**
-	-	-	-	-	-	-
-	-	-			-	-
Only three samples for test						
-	-	-			-	-

Test Performed and Verified by:

Ref: CED/TFL/08/7438 Dated: 29-08-2025

Dated of Test: 01-09-2025 (Dr. M. Kashif)

To

Assistant Director (QCD)
WASA, Lahore
(M/s Wahga Pipes)

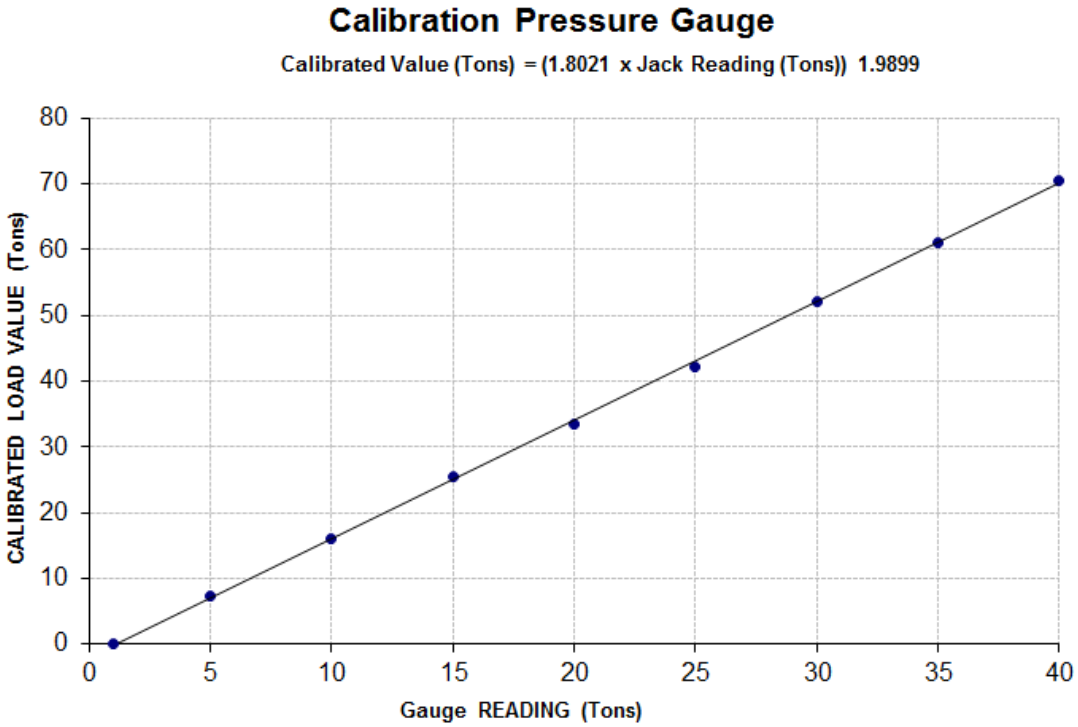
Subject: **- CALIBRATION OF PRESSURE GAUGE (MARK:TFL/08/7438)**

Reference to your Letter No. QCD/3740, Dated: 28/08/2025 on the subject cited above. One Pressure Gauge as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 70 (Ton)
Calibrated Range : Zero - 45 (Ton)

Hydraulic Jack Reading (Ton)		**1**	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**
Calibrated Load	**(kg)**	**0**	**6600**	**14600**	**23100**	**30400**	**38300**	**47200**	**55500**	**64000**	**72100**
	(Ton)	**0**	**7.3**	**16.1**	**25.4**	**33.5**	**42.2**	**52.0**	**61.1**	**70.5**	**79.4**

1000 Kg = 1.1011 Ton



Test Performed and Verified by:

To,

Engr. Arfan Ullah (Assistant Engineer Civil)
National Skills University Islamabad
Construction of Administration Block at National Skills University Islamabad Muridke Campus
(2nd Floor Beam)

Reference # CED/TFL **7439** (Dr. Rizwan Azam) Dated: 29-08-2025
Reference of the request letter # NSU/AdminBlock/2023/MC/22 Dated: 17-07-2025

Tension Test Report

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.372	3	0.373	0.110	0.1093	33.00	50.00	67416	67857	102145	102814	1.2	15.0	-
2	0.372	3	0.373	0.110	0.1092	34.00	51.00	69459	69985	104188	104977	1.2	15.0	-
3	0.367	3	0.371	0.110	0.1079	33.2	51	67824	69115	104188	106170	1.1	13.8	-
4	0.365	3	0.369	0.110	0.1072	30.7	46.7	62717	64356	95403	97896	1.3	16.3	-
5	0.376	3	0.375	0.110	0.1104	32.5	48.2	66394	66133	98468	98080	1.1	13.75	-
6	0.360	3	0.3672	0.110	0.1059	33.5	52	68437	71102	106231	110368	0.9	11.25	-
Note: Only 6 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,

Engr. Arfan Ullah (Assistant Engineer Civil)
National Skills University Islamabad
Construction of Administration Block at National Skills University Islamabad Muridke Campus (2nd Floor Column)

Reference # CED/TFL **7439** (Dr. Rizwan Azam) Dated: 29-08-2025
Reference of the request letter # NSU/AdminBlock/2023/MC/22 Dated: 17-07-2025

Tension Test Report

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.370	3	0.372	0.110	0.109	33.50	51.50	68437	69215	105209	106405	1.1	13.8	-
2	0.366	3	0.370	0.110	0.108	32.20	50.00	65781	67225	102145	104387	0.9	11.3	-
3	0.370	3	0.372	0.110	0.109	35.7	52.2	72932	73730	106639	107807	1.0	12.5	-
4	0.365	3	0.369	0.110	0.107	33.5	51	68437	70255	104188	106956	1.1	13.8	-
5	0.366	3	0.37	0.110	0.107	32.7	51	66803	68395	104188	106672	0.9	11.25	-
6	0.372	3	0.373	0.110	0.109	32.5	48.5	66394	66860	99081	99776	1.1	13.75	-
Note: Only 6 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,

Engr. Arfan Ullah (Assistant Engineer Civil)
National Skills University Islamabad
Construction of Administration Block at National Skills University Islamabad Muridke Campus (2nd Floor Slab)

Reference # CED/TFL **7439** (Dr. Rizwan Azam) Dated: 29-08-2025
Reference of the request letter # NSU/AdminBlock/2023/MC/24 Dated: 04-08-2025

Tension Test Report

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.370	3	0.372	0.110	0.109	33.50	51.50	68437	69215	105209	106405	1.1	13.8	-
2	0.366	3	0.370	0.110	0.108	32.20	50.00	65781	67225	102145	104387	0.9	11.3	-
3	0.370	3	0.372	0.110	0.109	35.7	52.2	72932	73730	106639	107807	1.0	12.5	-
4	0.365	3	0.369	0.110	0.107	33.5	51	68437	70255	104188	106956	1.1	13.8	-
5	0.366	3	0.37	0.110	0.107	32.7	51	66803	68395	104188	106672	0.9	11.25	-
6	0.372	3	0.373	0.110	0.109	32.5	48.5	66394	66860	99081	99776	1.1	13.75	-
Note: Only 6 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,

Mr. Ghulam Rasool Domki (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover Rajjar Railway Crossing Sarai Alamgir District Gujrat

Reference # CED/TFL **7440** (Dr. M Kashif) Dated: 29-08-2025
Reference of the request letter # 4376/103/GRD/16 Dated: 25-08-2025

Tension Test Report (Page-1/1)

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**4.129**	**10**	**1.243**	**1.270**	**1.213**	**34800**	**53000**	**60393**	**63221**	**91978**	**96285**	**1.5**	**18.8**	-
2	**4.254**	**10**	**1.262**	**1.270**	**1.25**	**35200**	**54200**	**61087**	**62068**	**94060**	**95571**	**1.8**	**22.5**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Alferedo Gomez (Acting Resident Engineer Labs)
Diamer Basha Consultants Group
Contract MW-1 Dam Part (Civil Works) and Tangir Hydropower Works

Reference # CED/TFL **7441** (Dr. M. Kashif) Dated: 29-08-2025
Reference of the request letter # DBCG/Lab/PFJV/2025/54 Dated: 20-08-2025

Tension Test Report (Page -1/3)

Date of Test 01-09-2025
Gauge length 600 mm
Description Steel Strand Tensile Test as per ASTM A-416

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		Young's Modulus of Elasticity "E"	% Elongation	Remarks / Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)	GPa		
1	**15.24 (0.6")**	**1102.0**	**1117.0**	**24800**	**243.29**	**27700**	**271.74**	**202**	**>3.50**	**7198**
2	**15.24 (0.6")**	**1102.0**	**1116.0**	**25100**	**246.23**	**27600**	**270.76**	**204**	**>3.50**	**7204**
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Only two samples for test										

Note:
1. Modulus of Elasticity is based on nominal steel area of the steel strand vide clause 13.3 of ASTM – A416a
2. Load versus percentage strain graphs are attached

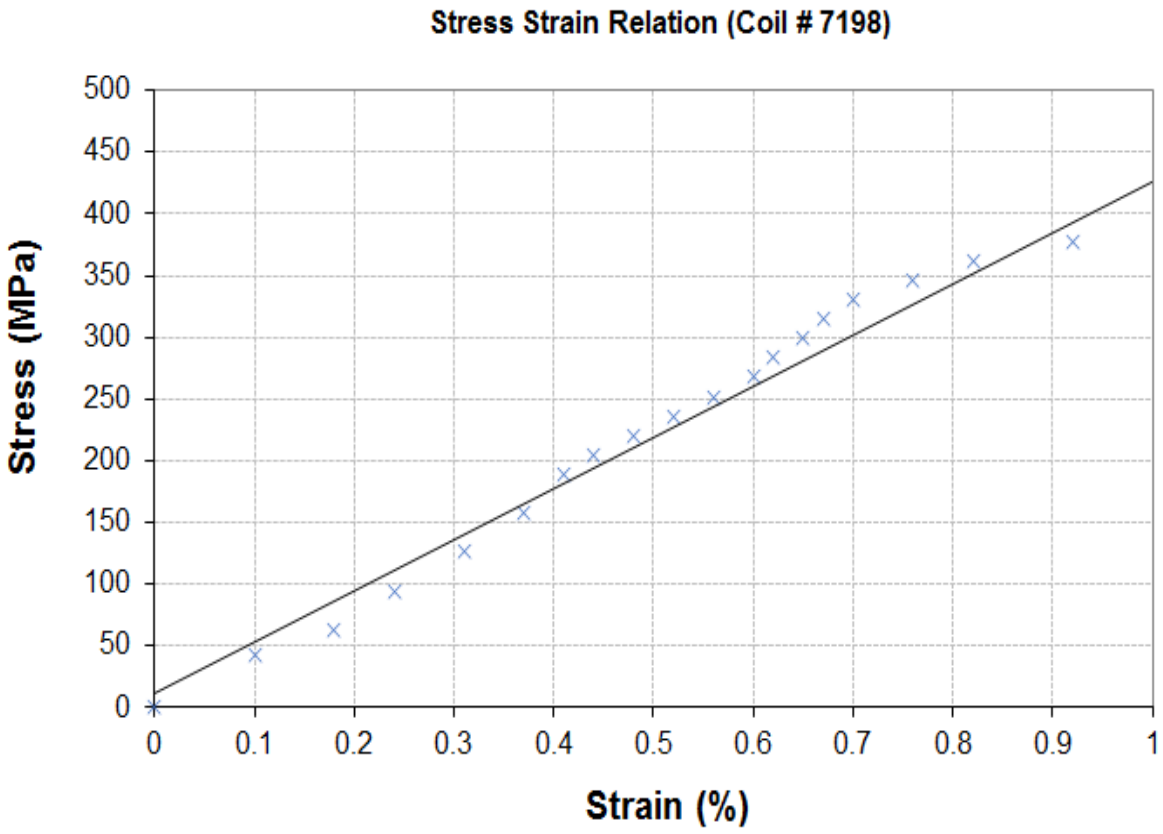
Test Performed and Verified by:

To,

Mr. Alferedo Gomez (Acting Resident Engineer Labs)
Diamer Basha Consultants Group
Contract MW-1 Dam Part (Civil Works) and Tangir Hydropower Works

Reference # CED/TFL **7441** (Dr. M. Kashif) Dated: 29-08-2025
Reference of the request letter # DBCG/Lab/PFJV/2025/54 Dated: 20-08-2025

Graph (Page – 2/3)



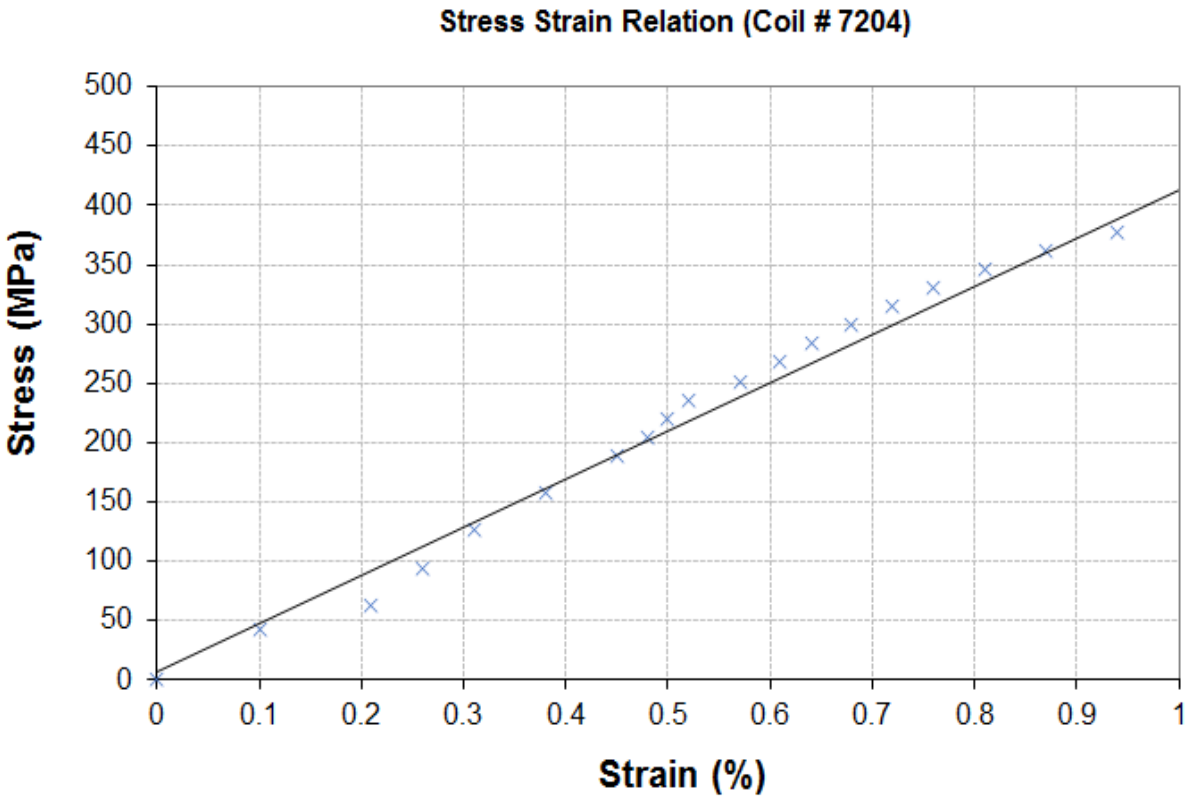
Test Performed and Verified by:

To,

Mr. Alferedo Gomez (Acting Resident Engineer Labs)
Diamer Basha Consultants Group
Contract MW-1 Dam Part (Civil Works) and Tangir Hydropower Works

Reference # CED/TFL **7441** (Dr. M. Kashif) Dated: 29-08-2025
Reference of the request letter # DBCG/Lab/PFJV/2025/54 Dated: 20-08-2025

Graph (Page – 3/3)



Test Performed and Verified by:

To,

Mr. Maqssod Ahmad
Prime Steel Re-Rolling Mills
-

Reference # CED/TFL **7442** (Dr. Rizwan Azam) Dated: 01-09-2025
Reference of the request letter # Nil Dated: 01-09-2025

Tension Test Report (Page-1/1)

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	**0.381**	**3**	**0.378**	**0.110**	**0.112**	**--**	**65.70**	**--**	**--**	**134219**	**131757**	**1.1**	**13.8**	-
2	**0.383**	**3**	**0.379**	**0.110**	**0.113**	**--**	**66.50**	**--**	**--**	**135853**	**132659**	**0.6**	**7.5**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Maqsood Ahmad
Prime Steel Re-Rolling Mills
-

Reference # CED/TFL **7442** (Dr. Rizwan Azam) Dated: 01-09-2025
Reference of the request letter # Nil Dated: 01-09-2025

Tension Test Report (Page-2/2)

Date of Test 01-09-2025
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	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
				Nominal	Actual	(kN)	(kN)	Nominal	Actual	Nominal	Actual	(inch)		
1	**0.382**	**3**	**0.378**	**0.110**	**0.112**	**--**	**66.00**	**--**	**--**	**134831**	**132030**	**0.7**	**8.8**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 Samples for Tensile and 1 Samples for Bend test														

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

District Engineer Chitral,
PATRIP Project SRSP, Chitral
Construction of Patai and Ursoon Bridges in UC Ashrait Citral (PAK-SRSP-CHI-019)

Reference # CED/TFL **7444** (Dr. M. Kashif) Dated: 01-09-2025
Reference of the request letter # Nil Dated: 01-09-2025

Tension Test Report (Page – 1/3)

Date of Test 01-09-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight			Breaking Load	Remarks / Coil No.
	(mm)	Weight (g)	Length (cm)	(kg/m)	(kg)	
1	**32 (6x36)**	**4328**	**99.8**	**4.34**	**55000**	**-**
2	**32 (6x36)**	**4368**	**100.0**	**4.37**	**54000**	**-**
3	**32 (6x36)**	**4316**	**99.5**	**4.34**	**54600**	**-**
4	**32 (6x36)**	**4470**	**102.7**	**4.35**	**55000**	**-**
5	**32 (6x36)**	**4447**	**102.4**	**4.34**	**55600**	**-**
6	**32 (6x36)**	**4331**	**99.8**	**4.34**	**56200**	**-**
Only six samples for test						
-	-	-			-	-

Test Performed and Verified by:

To,

District Engineer Chitral,
PATRIP Project SRSP, Chitral
Construction of Patai and Ursoon Bridges in UC Ashrait Citral (PAK-SRSP-CHI-019)

Reference # CED/TFL **7444** (Dr. M. Kashif) Dated: 01-09-2025
Reference of the request letter # Nil Dated: 01-09-2025

Tension Test Report (Page – 2/3)

Date of Test 01-09-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight			Breaking Load	Remarks / Coil No.
	(mm)	Weight (g)	Length (cm)	(kg/m)	(kg)	
1	**25 (6x36)**	**2822**	**101.0**	**2.79**	**35800**	**-**
2	**25 (6x36)**	**2875**	**102.0**	**2.82**	**36400**	**-**
3	**25 (6x36)**	**2804**	**98.2**	**2.86**	**37600**	**-**
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Only three samples for test						
-	-	-			-	-

Test Performed and Verified by:

To,

District Engineer Chitral,
PATRIP Project SRSP, Chitral
Construction of Patai and Ursoon Bridges in UC Ashrait Citral (PAK-SRSP-CHI-019)

Reference # CED/TFL **7444** (Dr. M. Kashif) Dated: 01-09-2025
Reference of the request letter # Nil Dated: 01-09-2025

Tension Test Report (Page – 3/3)

Date of Test 01-09-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight			Breaking Load	Remarks / Coil No.
	(mm)	Weight (g)	Length (cm)	(kg/m)	(kg)	
1	**12 (6x36)**	**707**	**100.3**	**0.70**	**9800**	**-**
2	**12 (6x36)**	**705**	**100.0**	**0.71**	**9700**	**-**
3	**12 (6x36)**	**705**	**100.0**	**0.71**	**10100**	**-**
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Only three samples for test						
-	-	-			-	-

Test Performed and Verified by: