

To,
Sub Divisional Officer (Civil),
Civil Works Sub Division,
FESCO, Faisalabad.

Reference # CED/TFL 6870 (Dr. M. Rizwan Riaz)
Reference of the request letter # 50

Dated: 24-04-2025
Dated: 24-04-2025

Tension Test Report (Page – 2/2)

Date of Test 05-05-2025
Gauge length 2 inches
Description Steel Wire Tensile Test

Sr. No.	Weight	Diameter/ Size		Area (in ²)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (mm)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.092	5	0.186	-	0.027	1100	1440	-	89540	-	117300	0.20	10	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only One Sample for Tensile Test														
Bend Test														

Test Performed and Verified by:

To,

General Manager
Steel Complex (Pvt.) Ltd.

Reference # CED/TFL **6873** (Dr. Safeer Abbas)
Reference of the request letter # Nil

Dated: 25-04-2025

Dated: 24-04-2025

Testing of GS Wire (10 mm)

Date of Test: 05-05-2025

Sr. No.	Designation	Gauge Length	Breaking Load	Elongation	Percentage Elongation
-	---	mm	kg	cm	(%)
1	Galvanized Steel wire (10 mm), Coil # 001	600	4900	7	11.7
Only one sample received					

Test Performed and Verified by:

To,
Sub Divisional Officer (Civil),
Civil Works Sub Division,
FESCO, Faisalabad.

Reference # CED/TFL 6902 (Dr. M. Rizwan Riaz)
Reference of the request letter # 2440-41

Dated: 30-04-2025
Dated: 29-04-2025

Tension Test Report (Page – 2/2)

Date of Test 05-05-2025
Gauge length 2 inches
Description Steel Wire Tensile Test

Sr. No.	Weight	Diameter/ Size		Area (in ²)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (mm)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.103	3	0.196	-	0.030	1040	1280	-	75910	-	93500	0.20	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only One Sample for Tensile Test														
Bend Test														

Test Performed and Verified by:

To,

Mr. M. Armughan Khan (Deputy Director QCD)

WASA, LDA, Lahore

Tender No. XEN (O&M-I)/J.T/2024-2025/334 "Replacement of Outlive Trunk Sewer From Shouq Chowk to Shaukat Lahore" Khanam at Main Khayaban-E-Firdousi Johar Town (M/s. EDDCO-ANEM Joint Venture)

Reference # CED/TFL

6903 (Dr. Rizwan Riaz)

Dated: 30-04-2025

Reference of the request letter #

QCD/1884

Dated: 29-04-2025

Tension Test Report

(Page-1/1)

Date of Test 05-05-2025

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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.367	3	0.370	0.110	0.108	3200	4900	64116	65460	98178	100235	0.8	10.0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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,

Executive Engineer

Buildings Division, Kasur

Construction of Additional Class Rooms at Girls School Gagga Sarai Tehsil Pattoki District Kasur
(Under C.M District SDG'S Programme of ADP 2024-25)

Reference # CED/TFL 6905 (Dr. Rizwan Riaz)

Dated: 02-05-2025

Reference of the request letter # 5334/D

Dated: 21-03-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025

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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.372	3	0.373	0.110	0.109	3600	5400	72131	72677	108196	109016	1	12.5	3"/8
2	0.370	3	0.372	0.110	0.109	3500	5400	70127	70932	108196	109438	1.3	16.3	3"/8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,
 Mr. Muhammad Fareed
 A.I Heights
 Apartment Building, Lahore

Reference # CED/TFL 6906 (Dr. Rizwan Riaz)
 Reference of the request letter # Nil

Dated: 02-05-2025
 Dated: 02-04-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025
 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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.362	3	0.368	0.110	0.106	3300	4400	66120	68463	88160	91284	1.3	16.3	-
2	0.365	3	0.370	0.110	0.107	3500	4500	70127	71927	90164	92478	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,
 Mr. Sameer Ahmad
 Buildiko
 Construction of 421 G4 Johar Town, Lahore

Reference # CED/TFL 6907 (Dr. Rizwan Riaz)
 Reference of the request letter # Nil

Dated: 02-05-2025
 Dated: 02-05-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025
 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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.362	3	0.368	0.110	0.106	3100	4800	62113	64284	96175	99536	1.2	15.0	Aziz Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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,

Mr. Ameer Hamza Anjum (SQN LDR)

GE (AIR) Lahore

Const of CSSD, Laundry & Services Area at PAF Hospital Lahore

Reference # CED/TFL **6909** (Dr. Rizwan Riaz)

Dated: 02-05-2025

Reference of the request letter # 6850/06/E6

Dated: 28-04-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025

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 (kg)	Breaking Load (kg)	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	3500	4700	70127	69477	94171	93297	1.5	18.8	3"/8
2	0.377	3	0.375	0.110	0.111	3400	4700	68124	67713	94171	93604	1.6	20.0	3"/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:

To,
KASMY Pack (Pvt.) Ltd. Lahore

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Reference # CED/TFL **6910** (Dr. Rizwan Riaz)
Reference of the request letter # KPL/PEB/1104/01

Dated: 02-05-2025
Dated: 25-04-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025
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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.372	3	0.373	0.110	0.109	3200	5200	64116	64548	104189	104891	1	12.5	-
2	0.374	3	0.374	0.110	0.11	3300	5200	66120	66190	104189	104300	1	12.5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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. Ali Raza (Resident Engineer)
HA Consulting-Mascon Associates (Pvt.) Ltd.
Establishment of Garment Cities in Punjab (Construction of Stitching Unit in Quaid-e-Azam Business Park
at Shekhupura (Group-1) (Aziz Steel)

Reference # CED/TFL 6912 (Dr. M Kashif)
Reference of the request letter # HAC/QABP/SR/101

Dated: 05-05-2025
Dated: 15-03-2025

Tension Test Report (Page-1/1)

Date of Test 05-05-2025
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 (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.371	3	0.373	0.110	0.109	3700	5100	74135	74788	102185	103086	1.2	15.0	3"/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: