

To,
Mr. Hammad Ur Rehman
PMU NLC DHA Multan

Reference # CED/TFL 6830 (Dr. M Kashif)
Reference of the request letter # 607/DHA NLC Mtn/NLCPulp

Dated: 17-04-2025
Dated: 09-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025
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 (kN)	Breaking Load (kN)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
				Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.401	10	0.387	0.120	0.118	35.50	50.00	66479	67734	93633	95399	1.5	18.8	Moiz Steel
2	0.404	10	0.389	0.120	0.119	35.70	50.50	66854	67657	94569	95705	1.2	15.0	Moiz Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Bend Test	
10mm Bar Bend Test Through 180 Degree is Satisfactory	

Test Performed and Verified by:

To,

Mr. Safdar Rashid (Resident Engineer)
NEESPAk (Pvt.) Ltd.
KBCMA College of Veterinary and Animal Sciences Narowal Campuses
(Batala Gold Steel)

Reference # CED/TFL **6831** (Dr. M Kashif)
Reference of the request letter # 4650/311/SR/106

Dated: 17-04-2025
Dated: 10-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025
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	0.369	3	0.371	0.110	0.108	33.70	50.00	68846	69902	102145	103712	0.8	10.0	3"/8
2	0.365	3	0.370	0.110	0.107	33.20	49.70	67824	69502	101532	104043	1.1	13.8	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,

Arshad Hussain (Resident Engineer)

Asian Consulting Engineers

Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab-Package No.4

Rain Water Drainage Facilities in Vehari City

Reference # CED/TFL

6834 (Dr. M Kashif)

Dated: 18-04-2025

Reference of the request letter #

AsCE-RHCJV/PMDFC/PKG-04/RE/152

Dated: 14-03-2025

Tension Test Report

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Date of Test 18-04-2025

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	0.368	3	0.371	0.110	0.108	32.70	46.70	66803	67992	95403	97101	1.3	16.3	-
2	0.367	3	0.370	0.110	0.108	33.20	48.50	67824	69234	99081	101139	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:

To,

Muhammad Rashid (Project Manager)
ZSK Associates
Mall MM Alam Road Gulberg-III, Lahore

Reference # CED/TFL **6836** (Dr. M Kashif)
Reference of the request letter # Nil

Dated: 18-04-2025
Dated: 16-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025
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	0.380	3	0.377	0.110	0.112	34.20	49.70	69867	68756	101532	99918	1.2	15.0	-
2	0.379	3	0.376	0.110	0.111	33.70	49.70	68846	68059	101532	100371	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,

Engr. Muhammad Salman Saqib (Resident Engineer)
ARY LAGUNA, DHA Gujranwala
Construction of Sales Office Phase-1, ARY LAGUNA DHA Gujranwala (Mughal Steel)

Reference # CED/TFL 6840 (Dr. M Kashif)
Reference of the request letter # ARY(Gujr.)/SO/Eng/RE/008/25

Dated: 18-04-2025
Dated: 16-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025
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	0.379	3	0.377	0.110	0.111	41.00	48.70	83759	82693	99489	98223	0.7	8.8	-
2	0.363	3	0.369	0.110	0.107	38.20	46.20	78039	80405	94382	97244	0.9	11.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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,

Mr. Muhammad Ibrar (Project Manager)
Innovative ® Construction Company
Shoring Works at Kingdom Arena, RUDA, Lahore

Reference # CED/TFL 6841 (Dr. M Kashif)
Reference of the request letter # ICI/Ruda/0418/01

Dated: 18-04-2025
Dated: 18-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025

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	0.383	3	0.378	0.110	0.113	35.20	51.50	71910	70303	105209	102858	1.1	13.8	-
2	0.367	3	0.371	0.110	0.108	33.70	49.00	68846	70223	100102	102105	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:

To,

Lt. Col. (R) Muhammad Ibrahim (Senior Estate Engineer)
Board of Management, Sundar Industrial Estate
Construction of Security Check Posts at SIE in Cash

Reference # CED/TFL 6842 (Dr. M Kashif)
Reference of the request letter # BOM/SIE/BCD4-25/690

Dated: 18-04-2025
Dated: 18-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025

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	0.377	3	0.376	0.110	0.111	33.50	48.70	68437	67962	99489	98799	1.2	15.0	Moiz Steel
2	0.373	3	0.373	0.110	0.109	33.00	48.20	67416	67736	98468	98935	1.1	13.8	Moiz Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

Bend Test

Test Performed and Verified by:

To,

Muhammad Moez Ali (Captain for Commanding Officer)
765 Construction Team Engineers Care of Sigen Lahore
Lahore Ring Road Southern Loop (SL-3)
(5 Star Steel)

Reference # CED/TFL **6845** (Dr. M Kashif)
Reference of the request letter # 607/P

Dated: 21-04-2025
Dated: 21-04-2025

Tension Test Report (Page-1/1)

Date of Test 21-04-2025

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	0.367	3	0.370	0.110	0.108	35.00	54.20	71502	72974	110725	113006	0.9	11.3	-
2	0.367	3	0.371	0.110	0.108	34.50	52.00	70480	71798	106231	108218	0.9	11.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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: