

To,

Mr. M. Khurram Iqbal (Resident Engineer)
Nespak (Pvt.) Ltd.
Rehabilitation / Reconstruction of Road From Narowal to Muridke

Reference # CED/TFL **6930** (Dr. Rizwan Azam)
Reference of the request letter # RE/RRP/NRWL/KI/111

Dated: 12-05-2025
Dated: 20-04-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
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	0.356	3	0.365	0.110	0.105	3100	4900	62113	65369	98178	103325	1.4	17.5	-
2	0.356	3	0.365	0.110	0.104	3000	4900	60109	63286	98178	103367	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. Fazal Qadir (XEN)
 Garrison Engineer (Army)-1 Sailkot
 Const of 1 x Med Store at CMH Slk

Reference # CED/TFL 6934 (Dr. Rizwan Azam)
 Reference of the request letter # 6002/63/E-6

Dated: 12-05-2025
 Dated: 08-04-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
 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	0.365	3	0.370	0.110	0.107	3600	4700	72131	73943	94171	96537	1.3	16.3	3"/8
2	0.367	3	0.370	0.110	0.108	3600	4700	72131	73667	94171	96177	1.3	16.3	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,
M/s AJ Contractor
Tawal Site ID: TWPRWP0064

Reference # CED/TFL 6936 (Dr. Rizwan Azam)
Reference of the request letter # AJContractor/Steel/Tawal/18

Dated: 12-05-2025
Dated: 20-04-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
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 (mm)	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	10	0.371	0.120	0.108	3200	4700	58773	65361	86323	95999	1.2	15.0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,
 Project Manager
 UMT Lahore
 Exhibition Building (Hunza Steel)

Reference # CED/TFL	<u>6937 (Dr. Rizwan Azam)</u>	Dated: 12-05-2025
Reference of the request letter #	EXB-1/185	Dated: 08-05-2025

Tension Test Report (Page-1/1)
 Date of Test 13-05-2025
 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	0.379	3	0.376	0.110	0.111	3100	4500	62113	61380	90164	89100	1.4	17.5	-
2	0.374	3	0.374	0.110	0.11	3100	4500	62113	62204	90164	90296	1.4	17.5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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. Muhammad Saleem (Operation Manager)
 The Skyline Mall & Residences
 The Skyline Mall & Residences, Raiwind Road Lahore

Reference # CED/TFL	<u>6938</u> (Dr. Rizwan Azam)	Dated: 12-05-2025
Reference of the request letter #	Nil	Dated: 12-05-2025

Tension Test Report (Page-1/1)
 Date of Test 13-05-2025
 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	0.373	3	0.374	0.110	0.11	3500	5000	70127	70322	100182	100459	1.3	16.3	-
2	0.375	3	0.375	0.110	0.11	3600	5000	72131	71956	100182	99939	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,

Engr. Hassan Mehmood (Resident Engineer)

G3 Engineering Consultants (Pvt.) Ltd.

Construction of DHA Newlife Residencia Apparments at @ 273/1 Q Block Phase-II DHA, Lahore
(Hunza Steel)

Reference # CED/TFL **6940** (Dr. Rizwan Azam)

Dated: 12-05-2025

Reference of the request letter # G3/DHA-NLD/Prof/RE/037

Dated: 08-05-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025

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	0.365	3	0.369	0.110	0.107	3100	4600	62113	63719	92167	94551	1.2	15.0	-
2	0.365	3	0.369	0.110	0.107	3100	4600	62113	63719	92167	94551	1.1	13.8	-
3	0.365	3	0.369	0.110	0.107	3100	4600	62113	63719	92167	94551	1.1	13.8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 3 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,
Minhas Construction Contractor

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Reference # CED/TFL **6941** (Dr. Rizwan Azam)
Reference of the request letter # MCC/CFL/UET/025

Dated: 12-05-2025
Dated: 12-05-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
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 (mm)	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	0.379	10	0.377	0.120	0.111	3600	4900	66120	71190	89997	96897	1.3	16.3	-
2	0.380	10	0.377	0.120	0.112	3500	4900	64283	69160	89997	96824	1.3	16.3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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,

Sub Divisional Officer

Building Sub Division No.2, Faisalabad

Revamping of Basic Health Unit (BHUS) of North and Central Punjab (Phase-II) Tehsil Sadar & City

Faisalabad ADP Scheme No.579 for the Year 2024-25

Reference # CED/TFL **6943** (Dr. Rizwan Azam)

Dated: 12-05-2025

Reference of the request letter # 61

Dated: 25-03-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025

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	3300	5000	66120	65554	100182	99324	1.5	18.8	3"/8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,

Mr. Muhammad Nadeem Akhtar (Resident Engineer)

Nespak (Pvt.) Ltd.

Re-construction / Rehabilitation of G.T. Road From Quaid-E-Azam Interchange (Lahore Ring Road)
to Wahga Border in District Lahore (Part-A) (Kamran Steel)

Reference # CED/TFL

6944 (Dr. Rizwan Azam)

Dated: 12-05-2025

Reference of the request letter #

Nespak/GTR-W/MNA/25

Dated: 21-04-2025

Tension Test Report

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Date of Test 13-05-2025

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	0.373	3	0.374	0.110	0.11	2900	4500	58105	58312	90164	90484	1.4	17.5	-
2	0.366	3	0.370	0.110	0.108	3600	4700	72131	73695	94171	96213	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. Rashid (Site Engineer)
 Husnain Builders
 Lahore Grammar School Architect Society Lahore

Reference # CED/TFL 6945 (Dr. Rizwan Azam)
 Reference of the request letter # Nil

Dated: 13-05-2025
 Dated: 13-05-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
 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	0.374	3	0.374	0.110	0.11	3100	4300	62113	62184	86156	86255	1.5	18.8	-
2	0.371	3	0.372	0.110	0.109	3000	4300	60109	60700	86156	87003	1.4	17.5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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,

Engr. Aziz ur Rehman (Assistance Residence Engineers/ER)
ACE Architectural & Town Planning Services Ltd.
Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8)
Lahore (AK Supreme Steel)

Reference # CED/TFL **6948** (Dr. Rizwan Azam)
Reference of the request letter # NZEB/ACE/LAB/2025/42

Dated: 13-05-2025
Dated: 13-05-2025

Tension Test Report (Page-1/1)

Date of Test 13-05-2025
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	0.365	3	0.370	0.110	0.107	3400	4500	68124	69805	90164	92389	1.1	13.8	-
2	0.376	3	0.375	0.110	0.111	4100	5000	82149	81732	100182	99673	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: