

To,

Mr. Waqar Ahmad (Architect & Partner)
Design Dimensions
UBL Ameen Building Khayaban-e-Jinnah, Lahore
(AF Steel)

Reference # CED/TFL 7714 (Dr. Syed Asad Ali Gillani)
Reference of the request letter # DD/UBL-KJL/LHR/001

Dated: 30-10-2025

Dated: 29-10-2025

Tension Test Report (Page-1/1)

Date of Test 31-10-2025

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	0.381	3	0.378	0.110	0.1119	35.70	48.70	72932	71672	99489	97771	1.4	17.5	-
2	0.379	3	0.377	0.110	0.1114	36.50	49.20	74566	73610	100511	99222	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,

Mr. Fayyaz Ahmad (Resident Engineer)

Nespak (Pvt.) Ltd. (Witness by: Mr. Muhammad Muneeb ur Rehman, ARE Nespak)

Construction of Underground Water Tank (UGWT) Overhead Water Tank (OHWT) and Allied Works for

Distribution Centre (DC-35) Elahiabad Zone-3 and Distribution Centre (DC-40) Khayabab Colony

Reference # CED/TFL 7719 (Dr. Safer Abbass)

Dated: 31-10-2025

Reference of the request letter # 4707/11/FA/01/FSD/92

Dated: 30-10-2025

Tension Test Report (Page-1/1)

Date of Test 31-10-2025

Gauge Length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

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	0.376	3	0.375	0.110	0.111	3400	4875	68124	67769	97677	97169	1.3	16.3	Aziz Steel
2	0.379	3	0.377	0.110	0.111	3400	4900	68124	67300	98178	96991	1.2	15.0	Aziz Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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:

