To,

Peng Zhiwen (Executive Project Manager)
China Civil Engineering Construction Corporation
DASU KKH-01

Reference # CED/TFL **7345** (Dr. Safeer Abbas) Dated: 07-08-2025
Reference of the request letter # CCECC/PAK/DASUFIELD/KKH-01/25-251 Dated: 03-08-2025

Tension Test Report (Page – 1/1)

Date of Test 28-08-2025
Gauge length 25 mm
Description Bearing Pad / Steel Specimen Tensile Test

Sr. No.	Diameter / size	Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	Marks
	(mm)	(mm^2)	(kN)	(kN)	(MPa)	(MPa)	(mm)	
1	9.80	75.43	31.20	43.70	414	579	17	Q355B
2	9.80	75.43	32.50	44.00	431	583	16	Q355B
3	9.80	75.43	39.80	49.50	528	656	15	ZG345-570
4	9.90	76.98	40.50	49.50	526	643	13	ZG345-570
Only Four Samples for Tensile Test								

Test Performed and Verified by:

To,
Mr. Rao Muhammad Arshad Javed
ANC Engineering Works (Pvt.) Ltd.
Nabisar Vajihar Water Supply (That Sindh) Enertech, Hydrochina
WPS:11-B-08-2010, Welder (1: Mr. M. Asif, 2: Mr. Mehboob Aslam)

Reference # CED/TFL **7413** (Dr. Safeer Abbass) Dated: 25-08-2025
Reference of the request letter # ANC/250812 Dated: 23-08-2025

Tension Test Report

Date of Test 28-08-2025
Gauge Length 2 inches
Description MS Sheet Strips Tensile and Bend Test Report

Sr. No.	Designation	Size of Strip	X Section Area	Yield Load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(Inch)	(mm)	(mm^2)	(kg)	(kg)	(MPa)	(MPa)	(inch)		
1	MS Sheet	5.80 x 25.20	146.16	--	7190	--	482.6	0.7	35.0	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 Samples for Tensile and 1 Samples for Bend test										

Bend Test
MS Sheet Strip 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)

Reference # CED/TFL **7416** (Dr. Safeer Abbas) Dated: 27-08-2025
Reference of the request letter # HSIT/03 Dated: 21-08-2025

Tension Test Report (Page-1/1)

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	**0.374**	**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,

Resident Engineer
Metroplan-Asian JV
Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-B)
(AF Steel)

Reference # CED/TFL **7429** (Dr. Safeer Abbas) Dated: 27-08-2025
Reference of the request letter # Metroplan-Asian(JV)/NSICTR/RE-B&C/B/448 Dated: 26-08-2025

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	0.350	3	0.362	0.110	0.1027	29.00	37.00	59244	63436	75587	80935	0.8	10.0	-
2	0.351	3	0.362	0.110	0.1031	30.20	38.50	61696	65816	78652	83905	0.7	8.8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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,

Resident Engineer
Metroplan-Asian JV
Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-B)
(AF Steel)

Reference # CED/TFL **7429** (Dr. Safeer Abbas) Dated: 27-08-2025
Reference of the request letter # Metroplan-Asian(JV)/NSICTR/RE-B&C/B/448 Dated: 26-08-2025

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	0.350	3	0.362	0.110	0.1027	29.00	37.00	59244	63436	75587	80935	0.8	10.0	-
2	0.351	3	0.362	0.110	0.1031	30.20	38.50	61696	65816	78652	83905	0.7	8.8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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,

Engr. Sajjad Karim (Project Engineer)
7 Canal Developers
7 Canal Residential Apartments Buildings
(Pak Steel)

Reference # CED/TFL **7432** (Dr. Safeer Abbass) Dated: 28-08-2025
Reference of the request letter # Nil Dated: 28-08-2025

Tension Test Report (Page-1/1)

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	**0.367**	**3**	**0.371**	**0.110**	**0.108**	**40.20**	**48.20**	**82125**	**83675**	**98468**	**100327**	**0.7**	**8.8**	-
2	**0.359**	**3**	**0.366**	**0.110**	**0.1054**	**34.00**	**42.00**	**69459**	**72502**	**85802**	**89562**	**0.7**	**8.8**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Memar Associates
UBL Wapda City
-

Reference # CED/TFL **7436** (Dr. Syed Asad Ali Gillani) Dated: 28-08-2025
Reference of the request letter # Memar/UBL/wc-01 Dated: 27-08-2025

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	0.367	3	0.371	0.110	0.108	35.00	48.50	71502	72835	99081	100928	1.3	16.3	-
2	0.391	3	0.382	0.110	0.1149	33.20	45.70	67824	64931	93361	89378	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: