

To,
 GMSA (Pvt.) Ltd.
 AB Traders

Reference # CED/TFL 7631 (Dr. M Kashif)
 Reference of the request letter # GMSA/Test/001

Dated: 14-10-2025
 Dated: 07-10-2025

Tension Test Report (Page-1/1)

Date of Test 15-10-2025
 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	0.369	3	0.372	0.110	0.1085	39.50	48.20	80695	81775	98468	99786	1.1	13.8	PCS
2	0.370	3	0.372	0.110	0.1087	39.20	48.20	80082	81021	98468	99623	1.3	16.3	PCS
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Shaharyar (Project Manager)
 ENAARA
 (Batala Gold Steel)

Reference # CED/TFL 7634 (Dr. M Kashif)
 Reference of the request letter # Nil

Dated: 14-10-2025
 Dated: 14-10-2025

Tension Test Report (Page-1/1)

Date of Test 15-10-2025
 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	0.357	3	0.365	0.110	0.1048	29.50	44.50	60266	63231	90909	95382	1.2	15.0	-
2	0.354	3	0.364	0.110	0.104	30.00	44.20	61287	64808	90296	95484	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)
(Moiz Steel)

Reference # CED/TFL 7635 (Dr. M Kashif) Dated: 15-10-2025
Reference of the request letter # Metroplan-Asian(JV)/NSICTR/RE-B&C/B/52: Dated: 15-10-2025

Tension Test Report (Page-1/1)

Date of Test 15-10-2025
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	0.361	3	0.368	0.110	0.1062	32.20	45.70	65781	68159	93361	96735	1.2	15.0	Heat # 100
2	0.361	3	0.367	0.110	0.106	32.20	45.20	65781	68238	92339	95788	1.5	18.8	Heat # 100
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 Azhar & Younas Builders, Lahore

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Reference # CED/TFL 7636 (Dr. M Kashif)
Reference of the request letter # AYB

Dated: 14-10-2025

Dated: 13-10-2025

Tension Test Report (Page-1/1)

Date of Test 15-10-2025

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	0.389	3	0.381	0.110	0.1143	33.20	50.50	67824	65275	103166	99289	1.3	16.3	-
2	0.375	3	0.374	0.110	0.1101	32.00	49.00	65373	65296	100102	99985	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: