

To,
 Resident Engineer (Metroplan-Asian JV)
 Metroplan-Asian JV
 Re-construction of Old P&D Building-Tower A
 (SJ Steel)

Reference # CED/TFL 7291 (Dr. Rizwan Riaz) Dated: 29-07-2025
 Reference of the request letter # MetroplanAsian-JV/(Old P&D)/Tower-A/RE-1 Dated: 28-07-2025

Tension Test Report (Page-1/1)

Date of Test 30-07-2025
 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	0.109	35.70	49.50	72932	73918	101124	102491	1.0	12.5	-
2	0.373	3	0.373	0.110	0.11	35.50	50.20	72523	72839	102554	103001	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,

Mr. Jamil Alam (Head Quality Assurance)
FF Steel Ltd.
Overhead Crane at Lahore Plant.

Reference # CED/TFL **7295** (Dr. Rizwan Riaz)
Reference of the request letter # CSR-QA-LHR-30072025

Dated: 30-07-2025
Dated: 30-07-2025

Tension Test Report (Page – 1/1)

Date of Test 30-07-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Breaking Load	Remarks / Coil No.
	(mm)	(kg)	
1	12	7000	-
2	16	13700	-
3	18	16800	-
4	20	19800	-
5	28	37700	-
Only five samples for test			

Witness by: Mr. Hamza Saleem (QA ENgg. WCP) and Mr. Sajid Ashraf (DGM Mechanical)

Test Performed and Verified by: