

To,

Mr. Muhammad Umair
Project Manager
Punjab Mineral Development Corporation

Reference # CED/TFL **6804** (Dr. M. Rizwan Riaz)

Dated: 10-04-2025

Reference of the request letter # KB/Store(2)/19/Part-II/2022/2941

Dated: 09-04-2025

Tension Test Report (Page – 1/1)

Date of Test 11-04-2025

Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	
1	20	1.40	20400	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only one sample for Test				

Test Performed and Verified by:

To,

Sub Divisional Officer
Buildings Sub Division Sambrial
Revamping of BHUS of North and Central Punjab (Phase-2)
Basic Health Units of District Sialkot (ADP No. 579 for the Year 2024-2025) [Sheikho Steel]

Reference # CED/TFL 6805 (Dr. Rizwan Riaz)
Reference of the request letter # 147/SMBL

Dated: 10-04-2025
Dated: 07-04-2025

Tension Test Report (Page-1/1)

Date of Test 11-04-2025
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	0.372	3	0.373	0.110	0.109	3200	4500	64116	64603	90164	90848	1.5	18.8	-
2	0.372	3	0.373	0.110	0.109	3300	4500	66120	66552	90164	90752	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,

Muhammad Nadeem Akhtar (Resident Engineer)

NESPAK (Pvt.) Ltd.

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

Reference # CED/TFL **6806** (Dr. Rizwan Riaz)

Dated: 11-04-2025

Reference of the request letter # Nespak/GTR-W/MNA/24

Dated: 16-03-2025

Tension Test Report (Page-1/1)

Date of Test 11-04-2025

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	0.366	3	0.370	0.110	0.107	2900	4400	58105	59511	88160	90293	1.5	18.8	-
2	0.367	3	0.370	0.110	0.108	2900	4400	58105	59317	88160	89998	1.6	20.0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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: