To,

Mr. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(Sheikhoo Steel)

Reference # CED/TFL **7044** (Dr. Rizwan Riaz) Dated: 30-05-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/20 Dated: 26-05-2025

Tension Test Report (Page-1/4)

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**5.279**	**11**	**1.405**	**1.560**	**1.551**	**45400**	**64800**	**64142**	**64509**	**91551**	**92074**	**1.5**	**18.8**	-
2	**5.335**	**11**	**1.413**	**1.560**	**1.568**	**47600**	**66600**	**67250**	**66919**	**94094**	**93631**	**1.7**	**21.3**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
11 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(AK Steel)

Reference # CED/TFL **7044** (Dr. Rizwan Riaz) Dated: 30-05-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/17 Dated: 23-05-2025

Tension Test Report

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**0.366**	**3**	**0.370**	**0.110**	**0.107**	**4280**	**5170**	**85756**	**87762**	**103588**	**106012**	**0.6**	**7.5**	-
2	**0.366**	**3**	**0.370**	**0.110**	**0.108**	**4400**	**5170**	**88160**	**90071**	**103588**	**105834**	**0.6**	**7.5**	-
3	**4.150**	**10**	**1.246**	**1.270**	**1.219**	**36600**	**51000**	**63517**	**66150**	**88507**	**92176**	**1.4**	**17.5**	-
4	**4.194**	**10**	**1.253**	**1.270**	**1.232**	**33400**	**48800**	**57963**	**59733**	**84689**	**87275**	**1.7**	**21.3**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 4 Samples for Tensile and 2 Samples for Bend test

Bend Test
3 Bar Bend Test Through 180 Degree is Satisfactory
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(AK Steel)

Reference # CED/TFL **7044** (Dr. Rizwan Riaz) Dated: 30-05-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/23 Dated: 27-05-2025

Tension Test Report

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**5.094**	**11**	**1.381**	**1.560**	**1.497**	**45200**	**66400**	**63859**	**66549**	**93811**	**97762**	**1.7**	**21.3**	-
2	**5.187**	**11**	**1.393**	**1.560**	**1.524**	**42200**	**65000**	**59621**	**61024**	**91833**	**93995**	**1.6**	**20.0**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
11 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(SJ Steel)

Reference # CED/TFL **7044** (Dr. Rizwan Riaz) Dated: 30-05-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/24 Dated: 30-05-2025

Tension Test Report

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**4.493**	**10**	**1.296**	**1.270**	**1.32**	**47400**	**63400**	**82260**	**79136**	**110026**	**105848**	**1.4**	**17.5**	-
2	**4.495**	**10**	**1.297**	**1.270**	**1.321**	**47600**	**63400**	**82607**	**79423**	**110026**	**105787**	**1.3**	**16.3**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Shahbaz Khan (Resident Engineer)
EA Consulting (Pvt.) Ltd.
Construction of Peshawar Northern Bypass Package-II

Reference # CED/TFL **7095** (Dr. Rizwan Riaz) Dated: 19-06-2025
Reference of the request letter # PNBP/EA/RE-2/25/598 Dated: 17-06-2025

Tension Test Report (Page -1/4)

Date of Test 27-06-2025
Gauge length 600 mm
Description Steel Strand Tensile Test as per ASTM A-416

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		Young's Modulus of Elasticity "E"	% Elongation	Remarks / Coil No.
	(mm)	(kg/1000m)	(kg/1000m)	(kg)	(kN)	(kg)	(kN)	GPa		
1	**12.70 (1/2")**	**780.0**	**785.0**	**17800**	**174.62**	**19600**	**192.28**	**205**	**>3.50**	**xx**
2	**12.70 (1/2")**	**780.0**	**787.0**	**17800**	**174.62**	**19300**	**189.33**	**210**	**>3.50**	**xx**
3	**12.70 (1/2")**	**780.0**	**788.0**	**17300**	**169.71**	**19900**	**195.22**	**202**	**>3.50**	**xx**
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only three samples for Test										

Note:
1. Modulus of Elasticity is based on nominal steel area of the steel strand vide clause 13.3 of ASTM – A416a
2. Load versus percentage strain graphs are attached

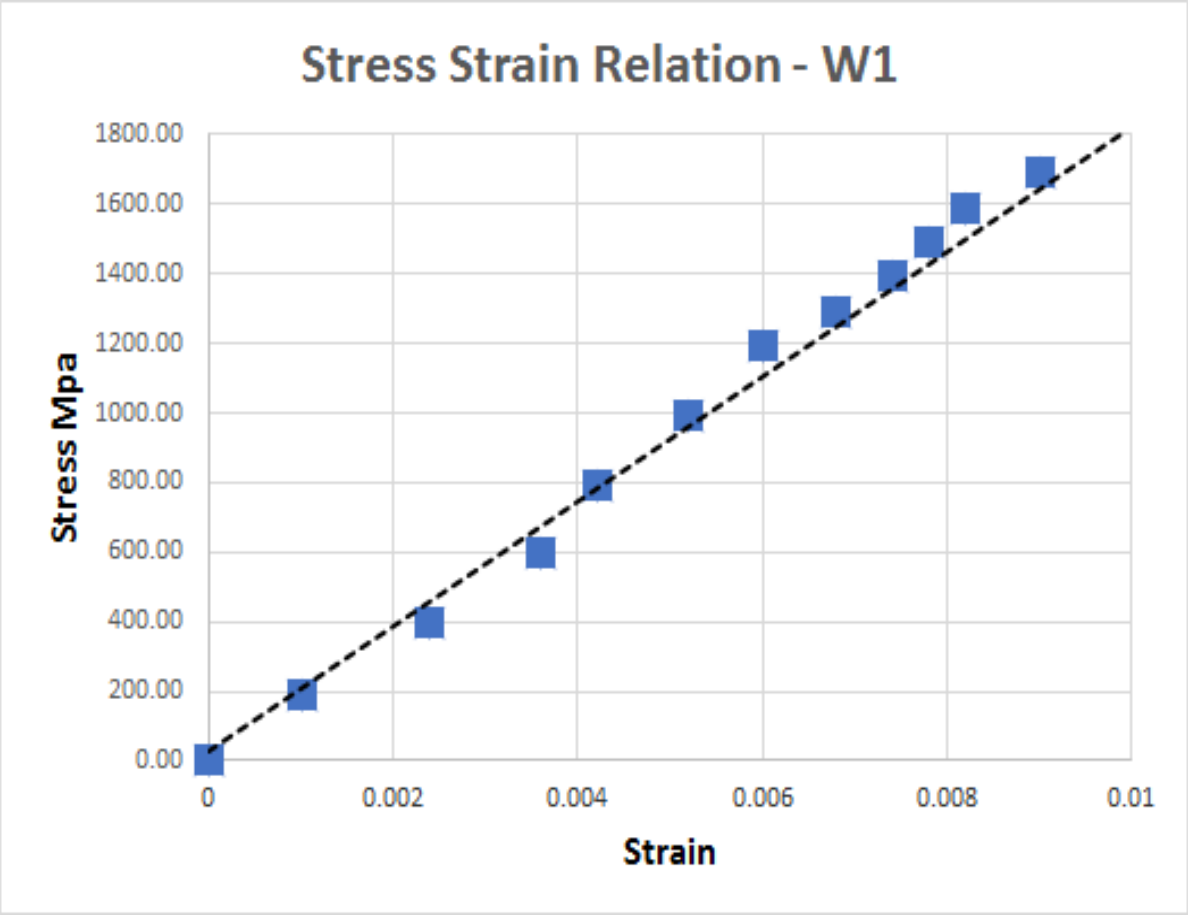
Test Performed and Verified by:

To,

Mr. Shahbaz Khan (Resident Engineer)
EA Consulting (Pvt.) Ltd.
Construction of Peshawar Northern Bypass Package-II

Reference # CED/TFL **7095** (Dr. Rizwan Riaz) Dated: 19-06-2025
Reference of the request letter # PNBP/EA/RE-2/25/598 Dated: 17-06-2025

Graph (Page – 2/4)



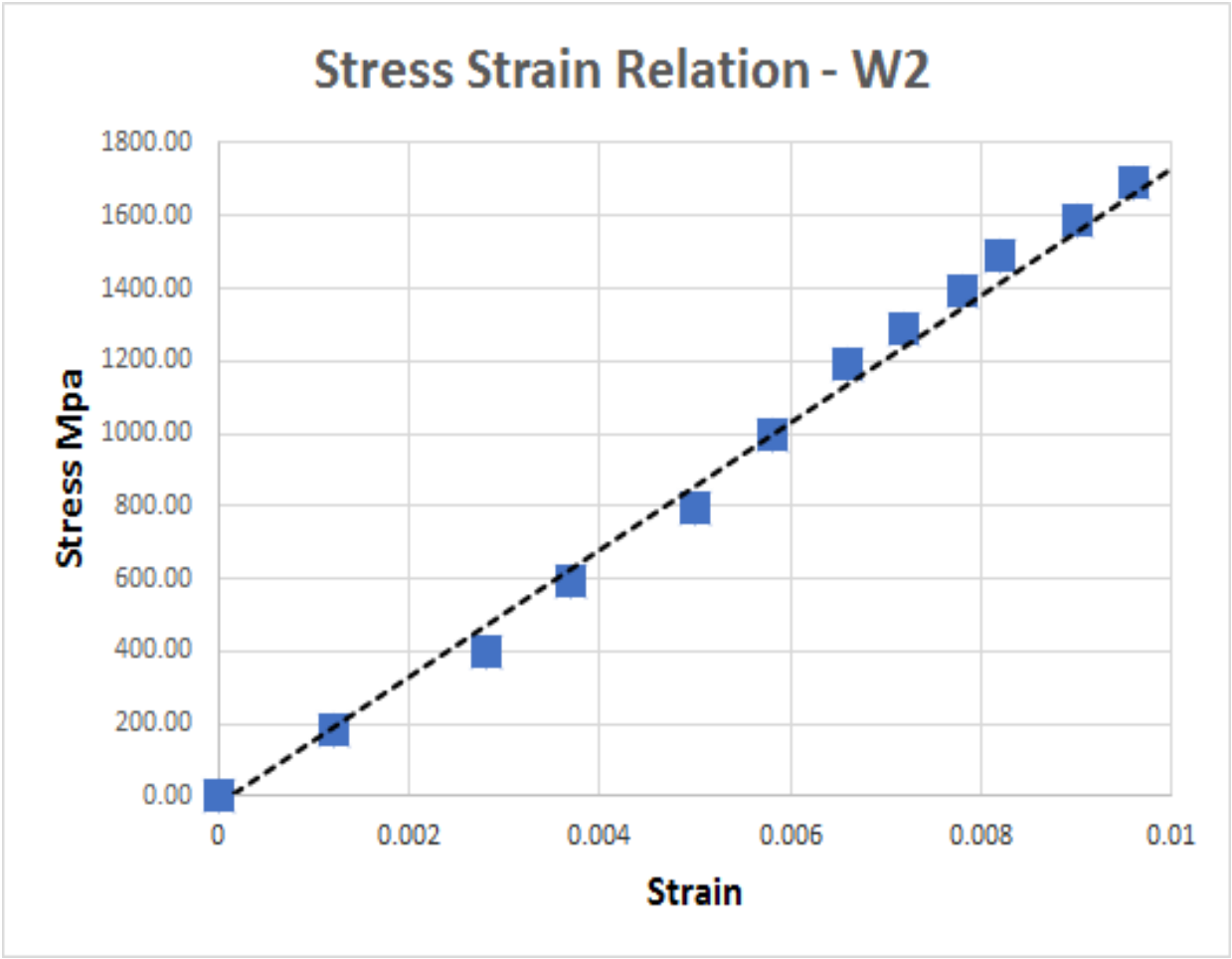
Test Performed and Verified by:

To,

Mr. Shahbaz Khan (Resident Engineer)
EA Consulting (Pvt.) Ltd.
Construction of Peshawar Northern Bypass Package-II

Reference # CED/TFL **7095** (Dr. Rizwan Riaz) Dated: 19-06-2025
Reference of the request letter # PNBP/EA/RE-2/25/598 Dated: 17-06-2025

Graph (Page – 3/4)



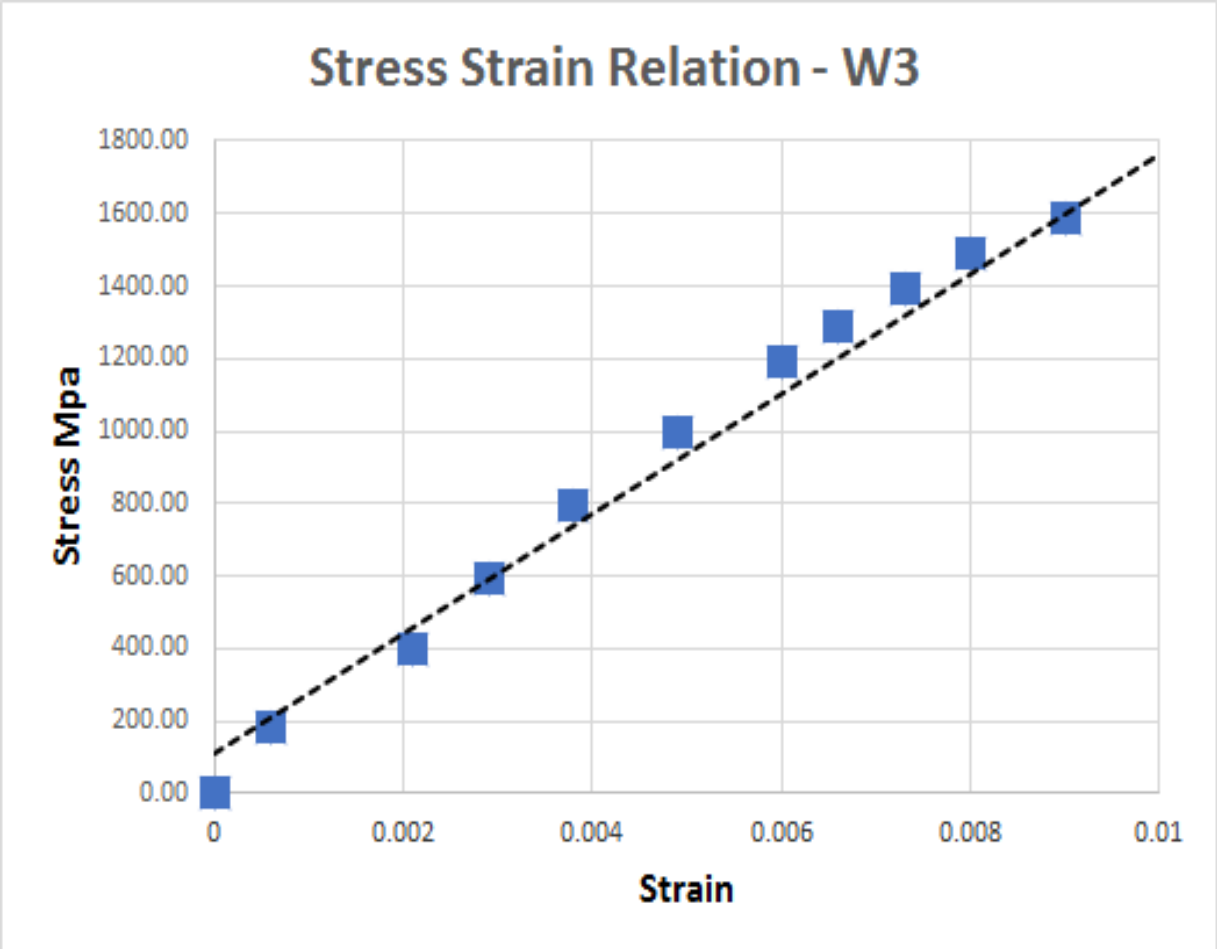
Test Performed and Verified by:

To,

Mr. Shahbaz Khan (Resident Engineer)
EA Consulting (Pvt.) Ltd.
Construction of Peshawar Northern Bypass Package-II

Reference # CED/TFL **7095** (Dr. Rizwan Riaz) Dated: 19-06-2025
Reference of the request letter # PNBP/EA/RE-2/25/598 Dated: 17-06-2025

Graph (Page – 4/4)



Test Performed and Verified by:

To,

Sub Divisional Officer
Buildings Sub Division C.M. Sectt: Lahore
Addition / Alteration and Improvement Work in GOR-1, Lahore

Reference # CED/TFL **7124** (Dr. Rizwan Riaz) Dated: 24-06-2025
Reference of the request letter # SDO/CMS/1459 Dated: 10-05-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	**0.382**	**3**	**0.378**	**0.110**	**0.112**	**32.00**	**48.50**	**65373**	**64021**	**99081**	**97031**	**1.1**	**13.8**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 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. Adeel Khaliq (XEN)
Garrison Engr (Svcs) Kharian Cantt.
Extension of Roadway for Main Entrance Bridge at Khn Cantt

Reference # CED/TFL **7136** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # 2000/KDP/25/E-2 Dated: 02-06-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	**0.366**	**3**	**0.370**	**0.110**	**0.108**	**31.50**	**45.70**	**64351**	**65837**	**93361**	**95516**	**1.1**	**13.8**	**3"/8**
2	**0.389**	**3**	**0.382**	**0.110**	**0.114**	**51.50**	**62.50**	**105209**	**101151**	**127681**	**122756**	**0.6**	**7.5**	**3"/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. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(SJ Steel)

Reference # CED/TFL **7138** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/27 Dated: 23-06-2025

Tension Test Report (Page-1/3)

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**5.275**	**11**	**1.405**	**1.560**	**1.55**	**52400**	**64000**	**74032**	**74504**	**90421**	**90997**	**1.6**	**20.0**	-
2	**5.333**	**11**	**1.412**	**1.560**	**1.567**	**55000**	**66200**	**77705**	**77359**	**93529**	**93112**	**1.6**	**20.0**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
11 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Manohar Lal (Resident Engineer)
Nespak (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala
(AK Supreme Steel)

Reference # CED/TFL **7138** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/25 Dated: 23-06-2025

Tension Test Report

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**4.175**	**10**	**1.250**	**1.270**	**1.227**	**34600**	**51400**	**60046**	**62155**	**89201**	**92334**	**1.4**	**17.5**	-
2	**4.169**	**10**	**1.249**	**1.270**	**1.225**	**33600**	**51200**	**58311**	**60450**	**88854**	**92114**	**1.4**	**17.5**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Mr. Manohar Lal (Resident Engineer)
NESPAK (Pvt.) Ltd.
Construction of Flyover at GT Road-Chan da Qila Chowk in District Gujranwala

Reference # CED/TFL **7138** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # 4834/103/CQF/ML/Lab/29 Dated: 24-06-2025

Tension Test Report (Page -3/3)

Date of Test 27-06-2025
Gauge length 600 mm
Description Steel Strand Tensile Test as per ASTM A-416

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		% Elongation	Remarks / Coil No.
	(mm)	(kg/1000m)	(kg/1000m)	(kg)	(kN)	(kg)	(kN)		
1	**12.70 (1/2")**	**780.0**	**787.0**	**17500**	**171.68**	**19600**	**192.28**	**>3.50**	**xx**
2	**12.70 (1/2")**	**780.0**	**790.0**	**17800**	**174.62**	**19200**	**188.35**	**>3.50**	**xx**
3	**12.70 (1/2")**	**780.0**	**786.0**	**17500**	**171.68**	**19200**	**188.35**	**>3.50**	**xx**
4	**12.70 (1/2")**	**780.0**	**786.0**	**17900**	**175.60**	**19500**	**191.30**	**>3.50**	**xx**
5	**12.70 (1/2")**	**780.0**	**786.0**	**17700**	**173.64**	**19400**	**190.31**	**>3.50**	**xx**
6	**12.70 (1/2")**	**780.0**	**789.0**	**18200**	**178.54**	**19400**	**190.31**	**>3.50**	**xx**
Only six samples for Test									

Note:
1. Modulus of Elasticity is based on nominal steel area of the steel strand vide clause 13.3 of ASTM – A416a
2. Load versus percentage strain graphs are attached

Test Performed and Verified by:

To,

Assistant Resident Engineer (16 City of Project Package # 1, Jhelum)
MM Pakistan (Pvt.) Ltd.
Construction of Kala Gujran Park in Jhelum City

Reference # CED/TFL **7139** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # ARE/JHE-KGP/MC-35 Dated: 14-03-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	**0.371**	**3**	**0.372**	**0.110**	**0.109**	**33.50**	**44.20**	**68437**	**69084**	**90296**	**91149**	**1.0**	**12.5**	-
2	**0.371**	**3**	**0.373**	**0.110**	**0.109**	**34.20**	**44.50**	**69867**	**70461**	**90909**	**91681**	**1.0**	**12.5**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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. M. Imran Tipu (Managing Partner)
M/s A. Rehman Construction Company
Construction of TCF Vocational Room at Maam Campus, Galewal, Bahawalpur

Reference # CED/TFL **7140** (Dr. Rizwan Riaz) Dated: 25-06-2025
Reference of the request letter # 83/25 Dated: 15-05-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	**0.406**	**3**	**0.390**	**0.110**	**0.119**	**31.50**	**45.50**	**64351**	**59310**	**92952**	**85670**	**1.1**	**13.8**	**3"/8**
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 1 Samples for Tensile and 0 Samples for Bend test														

Bend Test

Test Performed and Verified by:

To,

Proprietor
Malik Taj Din Steel Industry (MTS)
Mr. Muhammad Shaid (Representative Malik Taj Din Steel)

Reference # CED/TFL **7145** (Dr. Rizwan Riaz) Dated: 27-06-2025
Reference of the request letter # Nil Dated: 27-06-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**4.307**	**10**	**1.269**	**1.270**	**1.266**	**51000**	**61000**	**88507**	**88811**	**105861**	**106225**	**0.9**	**11.3**	-
2	**4.245**	**10**	**1.260**	**1.270**	**1.247**	**48400**	**58800**	**83995**	**85529**	**102043**	**103907**	**1.3**	**16.3**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: Only 2 Samples for Tensile and 1 Samples for Bend test

Bend Test
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by:

To,

Proprietor
Malik Taj Din Steel Industry (MTS)
Mr. Muhammad Shaid (Representative Malik Taj Din Steel)

Reference # CED/TFL **7146** (Dr. Rizwan Riaz) Dated: 27-06-2025
Reference of the request letter # Nil Dated: 27-06-2025

Tension Test Report (Page-1/1)

Date of Test 27-06-2025
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	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	**4.305**	**10**	**1.269**	**1.270**	**1.265**	**33600**	**52000**	**58311**	**58541**	**90243**	**90599**	**1.5**	**18.8**	-
2	**4.306**	**10**	**1.269**	**1.270**	**1.265**	**33000**	**50800**	**57269**	**57485**	**88160**	**88493**	**1.6**	**20.0**	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: Only 2 Samples for Tensile and 1 Samples for Bend test														

Bend Test
10 Bar Bend Test Through 180 Degree is Satisfactory

Test Performed and Verified by: