



STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
M/S Everfresh Farms (Pvt) Limited
Lahore

Reference # CED/TFL **36493** (Dr. Ali Ahmed)
Reference of the request letter # Nil

Dated: 02-06-2021

Dated: 02-06-2021

Tension Test Report (Page – 1/2)

Date of Test 09-06-2021
Gauge length 2 inches
Description PPGL Sheet Strip Tensile and Bend Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(mm)	(mm)	(mm ²)	(kN)	(kN)	(MPa)	(MPa)	(in)		
1	PPGL Sheet	39.00x0.50	19.50	6.90	9.55	353.85	489.74	0.40	20.00	
2		30.00x0.50	15.00	5.30	7.35	353.33	490.00	0.40	20.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile and One Sample for Bend Test										
Bend Test										
Strip Taken from PPGL Sheet Bend Test Through 180° is Satisfactory										

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

- 1- You can See your reports On Internet in the following web site
http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing_reports
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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
M/S Everfresh Farms (Pvt) Limited
Lahore

Reference # CED/TFL **36493 (Dr. Ali Ahmed)**
Reference of the request letter # Nil

Dated: 02-06-2021

Dated: 02-06-2021

Weight & Size Test Report (Page – 2/2)

Date of Test 09-06-2021

Description PPGL Sheet & G.I Purnels Weight and Size Test

Sr. No.	Designation	Weight	Length	Weight per Unit Length	Thickness	Remark
1	PPGL Sheet	597	400.00	1.49	0.50	
2	G.I Purnels	--	--	--	1.50	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
Only Two Samples for Test						

I/C Testing Laboratories
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
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To,
 SQN LDR
 GE (Air) Rafiqui
 “Rehabilitation of Class-IV QTRS at PAF Base Rafiqui” (CA No. CMES-SGD-87/2021)

Reference # CED/TFL **36608** (Dr. Ali Ahmed)
 Reference of the request letter # 6517/09/E-6

Dated: 18-06-2021
 Dated: 18-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (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	Nominal	Actual			
1	0.378	3/8	0.376	0.11	0.111	4400	5630	88200	87380	112900	111900	1.10	13.8	
2	0.376	3/8	0.375	0.11	0.111	4250	5300	85200	84720	106200	105700	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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STRUCTURAL ENGINEERING DIVISION
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Pakistan. Ph: 92-42-99029202

To,
M/S Al-Hamd General Engineering Services
Lahore
(RYK Distillery Sadiqabad)

Reference # CED/TFL **36609** (Dr. Ali Ahmed)
Reference of the request letter # Nil

Dated: 21-06-2021
Dated: 21-04-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.380	3	0.377	0.11	0.112	4130	4960	82800	81570	99400	98000	0.90	11.3	
2	0.373	3	0.374	0.11	0.110	3770	4740	75600	75800	95000	95300	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
M/S One Liberty
Lahore

Reference # CED/TFL **36611** (Dr. Ali Ahmed)
Reference of the request letter # OL/2021/06/01

Dated: 22-06-2021

Dated: 21-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		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	Nominal	Actual			
1	0.400	10	9.82	0.12	0.117	4100	5350	75324	76930	98288	100400	1.00	12.5	
2	0.400	10	9.83	0.12	0.118	4000	5220	73487	74890	95900	97800	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Resident Engineer
 AZEA Sialkot Residency
 Dualization of Sialkot - Pasrur Road Length = 27.35km (Section km 1/35 to 5/80, Length = 4.45 km) in District Sialkot (Group-I)

Reference # CED/TFL **36612** (Dr. Ali Ahmed) Dated: 22-06-2021
 Reference of the request letter # AZEA/SIALKOT/ADAM/20/142 Dated: 19-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (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	Nominal	Actual			
1	0.400	3/8	0.387	0.11	0.118	3540	5220	71000	66360	104600	97900	1.00	12.5	
2	0.380	3/8	0.377	0.11	0.112	3130	4590	62800	61740	92000	90600	1.30	16.3	
3	0.412	3/8	0.393	0.11	0.121	4150	5730	83200	75570	114900	104400	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile test														
Bend Test														

I/C Testing Laboratories
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
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Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 755 Construction Team Engineers
 Camp Area Rakhni
 (Construction of Black Top Road from Rakhni-Baiker District Dera Bugtti (Length 72.988 km)
 (M/s CAMEOS)

Reference # CED/TFL **36613** (Dr. Ali Ahmed)
 Reference of the request letter # 607/Gen/RB/P/03

Dated: 22-06-2021
 Dated: 19-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		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	Nominal	Actual			
1	0.410	10	9.95	0.12	0.121	4250	5610	78080	77660	103065	102500	1.00	12.5	
2	0.411	10	9.97	0.12	0.121	4430	5660	81386	80730	103984	103200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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To,
 Dy. Manager QA/QC
 Punjab Industrial Estates
 Construction of Multi Purpose Complex at Quaid-e-Azam Business Park (QABP) on M-2
 Motorway Sheikhpura

Reference # CED/TFL **36614** (Dr. Ali Ahmed)
 Reference of the request letter # QA/QC/QABP/MPC/06

Dated: 22-06-2021
 Dated: 18-04-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.376	3	0.375	0.11	0.111	3260	4910	65400	65000	98400	97900	1.40	17.5	FSL
2	0.375	3	0.375	0.11	0.110	3280	4910	65800	65590	98400	98200	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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STRUCTURAL ENGINEERING DIVISION
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To,
 Assistant Executive Engineer-II
 CCD, PAK. PWD. Gujranwala
 (Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura,
 Phase-I (SH: Dinning Hall Common Room, Kitchen Pantry and Tandoor, Ground Plus One))

Reference # CED/TFL **36616** (Dr. Ali Ahmed) Dated: 22-06-2021
 Reference of the request letter # AEE-II/CCD/GA/Work/NHMP/P-I/Lab/73 Dated: 18-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.368	3	0.371	0.11	0.108	3890	4960	78000	79370	99400	101200	1.10	13.8	Ravi Steel
2	0.367	3	0.371	0.11	0.108	3890	4840	78000	79390	97000	98800	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
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To,
 M/S Defence Housing Authority.
 Lahore Cantt
 (Construction of 1 Kanal Houses NGV DRGCC DHA Phase-VI Lahore) – (M/s Linker
 Developers (Pvt) Ltd)

Reference # CED/TFL **36617** (Dr. Ali Ahmed)
 Reference of the request letter # 408/241/E/Lab/91/355

Dated: 22-06-2021
 Dated: 22-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.367	3	0.370	0.11	0.108	3310	5250	66400	67720	105200	107500	1.30	16.3	Moiz Steel
2	0.369	3	0.372	0.11	0.109	3330	5250	66800	67640	105200	106700	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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Pakistan. Ph: 92-42-99029202

To,
 Masjid & Imam Bargha Qasair-e-Batool
 Shadman Colony, Lahore

Reference # CED/TFL **36619** (Dr. Ali Ahmed)
 Reference of the request letter # Nil

Dated: 22-06-2021

Dated: 22-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (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	Nominal	Actual				
1	0.371	3/8	0.373	0.11	0.109	3540	5170	71000	71510	103600	104500	1.30	16.3	Kamran Steel	
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Note: only one sample for tensile and one sample for bend test															
Bend Test															
3/8" Dia Bar Bend Test Through 180° is Satisfactory															

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
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To,
Sub Divisional Officer
Highway Sub Division Noorpur Thal
(Dualization of Muzaffargarh Road (Jauharabad Chowk Girote) Length 25.25 km in District Khushab
(Group-I Phase-I) Part-II Construction of Bridge and its Approaches 500 Rft on Either Side (0.30 km)

Reference # CED/TFL **36620 (Dr. Qasim Khan)**

Dated: 22-06-2021

Reference of the request letter # 282/NPT

Dated: 15-06-2021

Tension Test Report (Page -1/3)

Date of Test 23-06-2021

Gauge length 640 mm

Description Steel Strand Tensile Test as per ASTM A-416-94a

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		Young's Modulus of Elasticity "E" GPa	% Elongation	Remarks / Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)			
1	12.70 (1/2")	775.0	783.0	17800	174.62	19800	194.24	199	>3.50	xx
2	12.70 (1/2")	775.0	783.0	17500	171.68	19900	195.22	198	>3.50	xx
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Only two 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

I/C Testing Laboratoires
UET Lahore, Pakistan.

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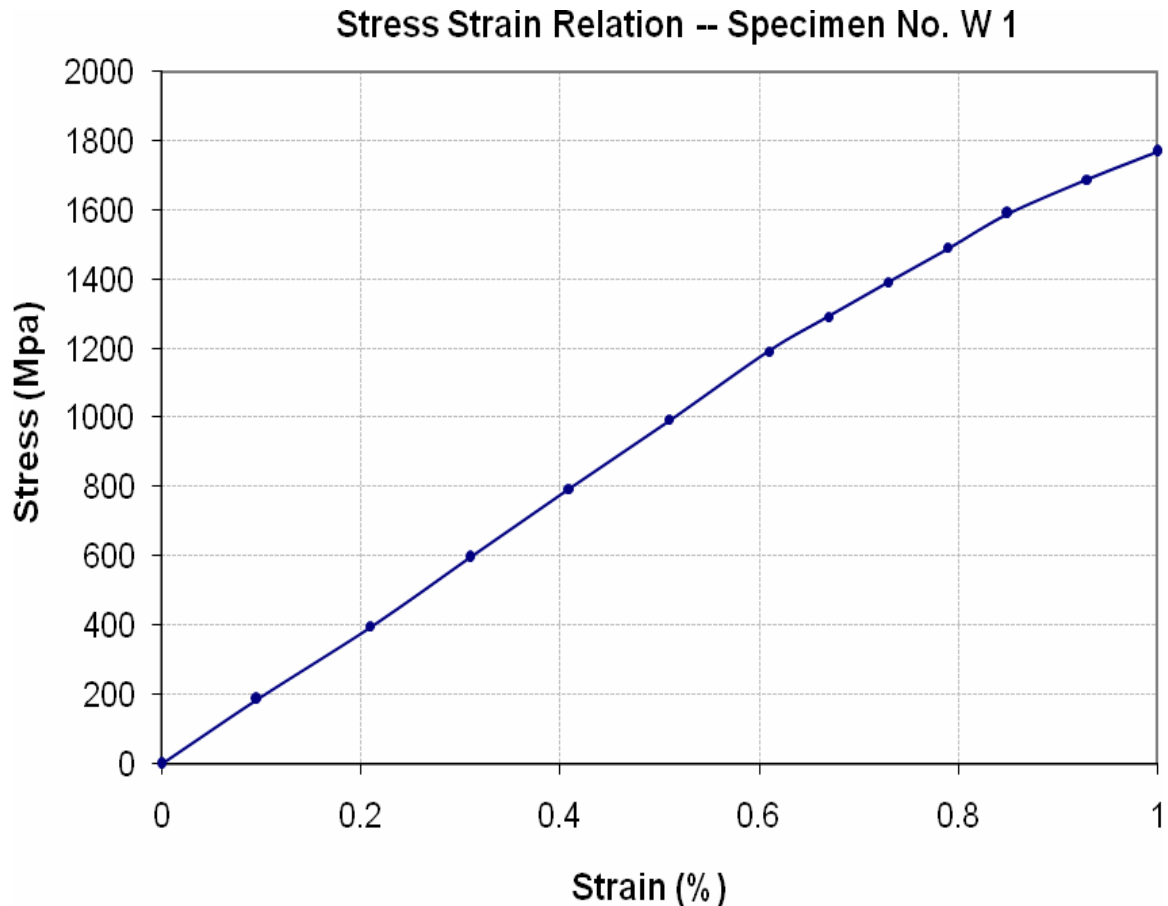
To,
Sub Divisional Officer
Highway Sub Division Noorpur Thal
(Dualization of Muzaffargarh Road (Jauharabad Chowk Girote) Length 25.25 km in District Khushab)
(Group-I Phase-I) Part-II Construction of Bridge and its Approaches 500 Rft on Either Side (0.30 km)

Reference # CED/TFL **36620 (Dr. Qasim Khan)**
Reference of the request letter # 282/NPT

Dated: 22-06-2021

Dated: 15-06-2021

Graph (Page – 2/3)



I/C Testing Laboratories
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

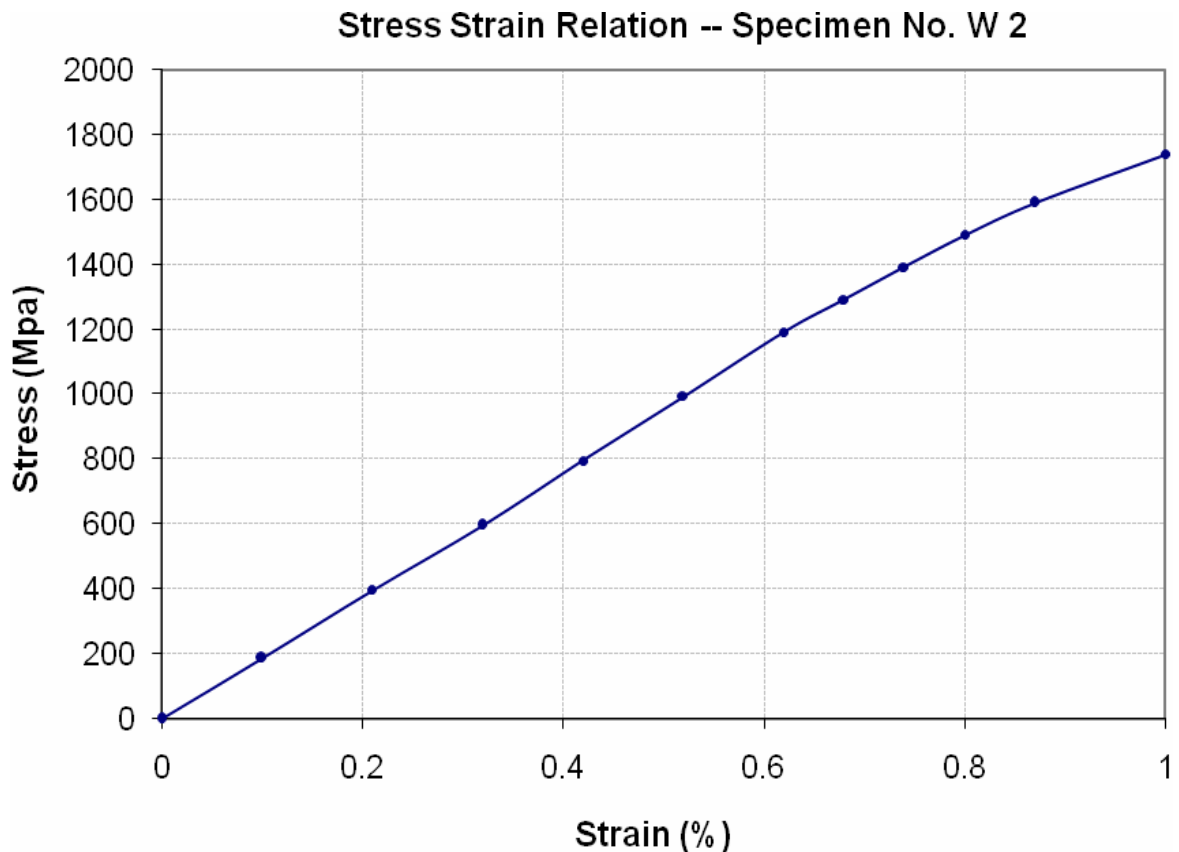
To,
Sub Divisional Officer
Highway Sub Division Noorpur Thal
(Dualization of Muzaffargarh Road (Jauharabad Chowk Girote) Length 25.25 km in District Khushab)
(Group-I Phase-I) Part-II Construction of Bridge and its Approaches 500 Rft on Either Side (0.30 km)

Reference # CED/TFL **36620 (Dr. Qasim Khan)**
Reference of the request letter # 282/NPT

Dated: 22-06-2021

Dated: 15-06-2021

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To,
 Project Manager
 Liberty Builders
 Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore

Reference # CED/TFL **36622** (Dr. Usman Akmal)
 Reference of the request letter # ST/UET/20210623

Dated: 23-06-2021
 Dated: 23-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.385	3	0.379	0.11	0.113	3200	5100	64200	62360	102200	99400	1.10	13.8	Batala Premium
2	0.366	3	0.370	0.11	0.108	3200	4900	64200	65530	98200	100400	1.20	15.0	
3	0.362	3	0.368	0.11	0.107	2900	4800	58200	60010	96200	99400	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Munawar Hussain Saddiqi
 Sheikhpura

Reference # CED/TFL **36623** (Dr. Ali Ahmed)
 Reference of the request letter # Nil

Dated: 23-06-2021
 Dated: 23-06-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Plain & Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.191	2	0.267	-----	0.056	2000	2400	-----	78510	-----	94300	1.50	18.8	Plain
2	0.369	3	0.372	0.11	0.109	3500	4700	70200	71100	94200	95500	1.20	15.0	Deformed
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Sub Divisional Officer
 Buildings Sub Division
 Shakargarh
 (Re Construction of Dangerous School Building Govt. High School Shakargarh (PP-47))

Reference # CED/TFL **36624** (Dr. Usman Akmal)
 Reference of the request letter # 415/Sg

Dated: 23-06-2021
 Dated: 15-04-2021

Tension Test Report (Page -1/1)

Date of Test 23-06-2021
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (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	Nominal	Actual			
1	0.380	3/8	0.377	0.11	0.112	3400	4800	68200	67090	96200	94800	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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