



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

To,
DCRE/RE-1
Zeeruk International (Pvt) Ltd
Lahore Sialkot Motorway Project
(M/s Sheikh Freed)(RD: 54)

Reference # CED/TFL **34392** (Dr. M Rizwan Riaz)
Reference of the request letter # Lsm

Dated: 30-12-2019
Dated: 30-10-2019

Tension Test Report (Page – 1/1)

Date of Test 06-01-2020
Gauge length -----
Description Mesh Wire & Tension Wire Tensile Test

Sr. No.	Diameter of Single Wire	Breaking Load	Remarks
	(mm)	(kN)	
1	3.00	5.07	Mesh Wire
2	3.00	4.72	
3	3.00	4.00	Mesh Wire
4	3.00	4.67	
5	3.00	5.00	Mesh Wire
6	3.00	5.00	
7	3.30	6.72	Tension Wire
-	-	-	
Only Seven Samples for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

Note:

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- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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To,
Resident Engineer
NESPAK
China – Pakistan Economic Corridor (CPEC), Western Route Hakla (on M1) – Yark (D.I Khan)
Motorway, Package-3 (Tarap to Kot Belian)(M/s Karamdad Constructions Pvt. Limited)(M/s
Nizami Wire Pvt Ltd)
Reference # CED/TFL **34410** (Dr. M Rizwan Riaz) Dated: 01-01-2020
Reference of the request letter # CPEC/NESPAK/CS/RE/PKG3/19/1316 Dated: 30-12-2019

Tension Test Report (Page – 1/1)

Date of Test 06-01-2020
Gauge length -----
Description Chain Link Fence Wire & Mesh Wire Tensile Test

Sr. No.	Diameter of Single Wire	Breaking Load	Remarks
	(mm)	(kN)	
1	3.20	4.67	Fence Wire
2	3.20	6.75	Mesh Wire
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only Two Samples for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

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To,
DCRE
Zeeruk International (Pvt) Ltd
Lahore Sialkot Motorway Project
(M/s GSG Construction Co.)(RD 89+000 to 91+000)

Reference # CED/TFL **34414** (Dr. M Rizwan Riaz)
Reference of the request letter # LSM/RE-II/St/19/838

Dated: 01-01-2020

Dated: 31-12-2019

Tension Test Report (Page – 1/1)

Date of Test 06-01-2020
Gauge length -----
Description Chain Link Wire Tensile Test

Sr. No.	Diameter of Single Wire	Breaking Load	Remarks
	(mm)	(kN)	
1	3.10	4.07	
2	3.10	4.15	
3	3.10	3.90	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only Three Samples for Test			

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Client Engineer
 Solitaire of UAE (Pvt) Ltd
 Heritage Boutique Hotel Project

Reference # CED/TFL **34425** (Dr. Asad Ali)
 Reference of the request letter # HBH/UET/14

Dated: 03-01-2020
 Dated: 03-01-2020

Tension Test Report (Page -1/1)

Date of Test 06-01-2020
 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	0.373	3	0.374	0.11	0.110	3460	4890	69400	69500	98000	98300	1.30	16.3	
2	0.371	3	0.373	0.11	0.109	3640	4860	73000	73560	97400	98300	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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To,
 Resident Engineer
 Orbit Housing
 The Spring Apartment Homes

Reference # CED/TFL **34429** (Dr. Asad Ali)
 Reference of the request letter # Nil

Dated: 06-01-2020
 Dated: 06-01-2020

Tension Test Report (Page -1/1)

Date of Test 06-01-2020
 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	0.369	3	0.372	0.11	0.108	3080	4300	61800	62620	86200	87500	1.70	21.3	
2	0.362	3	0.368	0.11	0.106	3080	4180	61800	63820	83800	86700	1.70	21.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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