STRUCTURAL ENGINEERING DIVISION

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

To,

Project Manager
United Lifestyle (Private) Limitd.
High-Rise Building "Skyscrapers United" at Johar Town Lahore

Reference # CED/TFL **3140** (Dr. M Rizwan Riaz) Dated: 02-05-2023
Reference of the request letter # ULS/2021-22-23/033 Dated: 02-05-2023

Tension Test Report (Page -1/1)

Date of Test 03-05-2023
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.363	3	0.368	0.11	0.107	3200	4600	64200	66180	92200	95200	1.30	16.3	
2	0.370	3	0.372	0.11	0.109	3200	4700	64200	64900	94200	95400	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:
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2. The above results pertain to sample /samples supplied to this laboratory.
3- Sealed sample / Unsealed sample / Marked sample/Signed Samples

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To,

M/S Eastern Housing
Lahore

Reference # CED/TFL **3143** (Dr. M Rizwan Riaz) Dated: 02-05-2023
Reference of the request letter # Nil Dated: 02-05-2023

Tension Test Report (Page -1/1)

Date of Test 03-05-2023
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.371	3	0.373	0.11	0.109	4700	5400	94200	94920	108200	109100	0.75	9.4	
2	0.372	3	0.373	0.11	0.109	4600	5400	92200	92710	108200	108900	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

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UET Lahore, Pakistan.

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To,

Resident Engineer
NESPAK
Improvment of Lahore - Jaranwala Road from Saggian Bypass to Begum kot, Lahore

Reference # CED/TFL **3145** (Dr. M Rizwan Riaz) Dated: 02-05-2023
Reference of the request letter # 3772/SB-BK/103/MWA/04/62 Dated: 13-03-2023

Tension Test Report (Page -1/1)

Date of Test 03-05-2023
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.400	3	0.387	0.11	0.118	3300	5200	66200	61810	104200	97400	1.00	12.5	SJ Steel
2	0.385	3	0.380	0.11	0.113	3100	4900	62200	60410	98200	95500	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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Pakistan. Ph: 92-42-99029202

To,

Divisional Forest Officer
Kasur Forest Division
At Changa Manga
(Construction of Boundary Wall at Chnaga Manga Irrigation Plantation.)

Reference # CED/TFL **3146** (Dr. M Rizwan Riaz) Dated: 02-05-2023
Reference of the request letter # 873/AC Dated: 04-04-2023

Tension Test Report (Page -1/1)

Date of Test 03-05-2023
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.374	3	0.374	0.11	0.110	3300	4900	66200	66100	98200	98200	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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