



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 Project Managers
 Lahore
 (Allied Bank Limited Plot No. 14 Block A3 Gulberg III Lahore)
 (Allied Bank)

Reference # CED/TFL **1838 (Dr. Asad Ali)**
 Reference of the request letter # Nil

Dated: 25-08-2022
 Dated: 25-08-2022

Tension Test Report (Page -1/1)

Date of Test 30-08-2022
 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	0.110	3820	5150	76600	76250	103200	102800	1.00	12.5	FF Steel
2	0.373	3	0.373	0.11	0.110	3620	5050	72600	72860	101200	101700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

Note:

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- 2- The above results pertain to sample /samples supplied to this laboratory.
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Witness by M. Anas (Officer Civil ABL)

To,
 Project Manager
 Q-Link Property Construction Pvt Ltd
 Construction of JGM, OM, BH-3, JH, SH, Eastern Villas Bahria Town Lahore

Reference # CED/TFL **1848** (Dr. M Rizwan Riaz)

Dated: 29-08-2022

Reference of the request letter # QLC-BH2-UET-2022-08LTR-006 Dated: 28-08-2022

Tension Test Report (Page -1/2)

Date of Test 30-08-2022

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	0.110	3500	4600	70200	69880	92200	91900	0.90	11.3	Kamran Steel
2	0.372	3	0.373	0.11	0.109	3500	4600	70200	70520	92200	92700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
 Project Manager
 Q-Link Property Construction Pvt Ltd
 Construction of JGM, OM, BH-3, JH, SH, Eastern Villas Bahria Town Lahore

Reference # CED/TFL **1848** (Dr. M Rizwan Riaz) Dated: 29-08-2022
 Reference of the request letter # QLC-BH2-UET-2022-08LTR-004 Dated: 28-08-2022

Tension Test Report (Page -2/2)

Date of Test 30-08-2022
 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	0.394	3	0.384	0.11	0.116	3300	5000	66200	62800	100200	95200	1.20	15.0	SJ Gujjar Steel
2	0.372	3	0.373	0.11	0.109	3400	5000	68200	68540	100200	100800	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.

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Test Floor Laboratory
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To,
CEO
Habib Platinum Developers (Private) Limited
Gulshan-E-Habib Housing Society, Lahore

Reference # CED/TFL **1849** (Dr. M Rizwan Riaz)
Reference of the request letter # GHHS/08-2022/0015

Dated: 29-08-2022
Dated: 22-08-2022

Tension Test Report (Page -1/1)

Date of Test 30-08-2022
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	0.380	0.11	0.113	3400	5000	68200	66230	100200	97400	1.30	16.3	
2	0.379	3	0.376	0.11	0.111	3400	5000	68200	67340	100200	99100	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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STRUCTURAL ENGINEERING DIVISION
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To,
 Sub Divisional Officer
 Buildings Sub Division
 Nankana Sahib
 (Up-Gradation of RHC Sydwala from 24 Beds to 74 Beds, District Nankana Sahib)

Reference # CED/TFL **1850** (Dr. M Rizwan Riaz)
 Reference of the request letter # 187/SDO/BSO/NNS

Dated: 29-08-2022
 Dated: 12-08-2022

Tension Test Report (Page -1/1)

Date of Test 30-08-2022
 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	0.396	3	0.385	0.11	0.116	3900	5000	78200	73820	100200	94700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample 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,
 Assistant Executive Engineer-II
 Central Civil Division
 Pak PWD, Gujranwala
 (Construction of Bulding Work in College Mandi District Mandibahaudin)

Reference # CED/TFL **1853** (Dr. M Rizwan Riaz)

Dated: 29-08-2022

Reference of the request letter # AEE-II/CCD/GRW/M.B.Din/31

Dated: 29-04-2022

Tension Test Report (Page -1/1)

Date of Test 30-08-2022

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	0.373	3/8	0.373	0.11	0.110	3500	5600	70200	70430	112300	112700	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

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To,
 Ameen Firdous
 Civil Engineer & Technologies
 Prime Builders
 Project B-45

Reference # CED/TFL **1860 (Dr. Asad Ali)**
 Reference of the request letter # Nil

Dated: 30-08-2022
 Dated: 30-08-2022

Tension Test Report (Page -1/1)

Date of Test 30-08-2022
 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	0.405	3	0.389	0.11	0.119	3360	4960	67400	62270	99400	92000	1.40	17.5	
2	0.404	3	0.389	0.11	0.119	3310	4980	66400	61400	99800	92400	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and two samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														
#3 Bar Bend Test Through 180° is Satisfactory														

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