STRUCTURAL ENGINEERING DIVISION

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

To,
Manager Construction Projects
Alied Bank
Construction of ABL Building, 3-Babar Block, New Garden Town, Lahore

Reference # CED/TFL **36007, 022** (Dr. Qasim Khan) Dated: 28-01-2021
Reference of the request letter # HOL/ENGG.C.P./SM/2021/19 Dated: 28-01-2021

Tension Test Report (Page -1/1)

Date of Test 01-02-2021
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	0.396	3	0.385	0.11	0.116	4700	5700	94200	88960	114300	107900	1.00	12.5	Naveena Steel
2	0.379	3	0.377	0.11	0.112	3500	4400	70200	69180	88200	87000	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														

Witness by Zaeem Ahmed (QA/QC Inch. Amcorp Engg. & Const.)

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
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,
Project Engineer
Rana Associates
Sky High Builder's
Izmir Society Lahore

Reference # CED/TFL **36015** (Dr. Qasim Khan) Dated: 29-01-2021
Reference of the request letter # IZMIR/002 Dated: 27-01-2021

Tension Test Report (Page -1/1)

Date of Test 01-02-2021
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	3800	4700	76200	76710	94200	94900	0.65	8.1	Afco Steel
2	0.373	3	0.373	0.11	0.110	3800	4700	76200	76460	94200	94600	0.65	8.1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
Resident Engineer
AZ Engineering Associates
Gujrat Residency.

Dualiazation of Road from GT Road (Samma) to Gujrat Dinga RoadI/C Gujrat Flyover Length = 31 kms in District Gujrat
(Group No. II, km No. 2.01 to 17.53 Excluding Flyover on Gujrat Sargodha Road, Bridge over UJC, Bhimber Nullah & 3 No. Small Bridges with Approches)

Reference # CED/TFL **36017** (Dr. Qasim Khan) Dated: 29-01-2021
Reference of the request letter # RE AZEA/GT-91 Dated: 27-01-2021

Tension Test Report (Page -1/1)

Date of Test 01-02-2021
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	2800	4300	56200	56180	86200	86300	1.50	18.8	
2	0.375	3	0.374	0.11	0.110	2800	4200	56200	56040	84200	84100	1.70	21.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
M/S Buraq Integrated Solutions
Rawalpindi
(Meteorologocal Tower)

Reference # CED/TFL **36018** (Dr. Qasim Khan) Dated: 29-01-2021
Reference of the request letter # Nil Dated: 29-01-2021

Tension Test Report (Page – 1/1)

Date of Test 01-02-2021
Description Stay Wire Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	
1	**10**	**0.44**	**4700**	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only one sample for Test				

I/C Testing Laboratoires
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