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 Stallion Engineering
Gulberg-II, Lahore
(SRA Gate House DHA Multan)

Reference # CED/TFL **36024** (Dr. M Rizwan Riaz) Dated: 02-02-2021
Reference of the request letter # DHA/MG/223/MT/02 Dated: 15-01-2021

Tension Test Report (Page -1/1)

Date of Test 12-02-2021
Gauge length 8 inches
Description J-Bolt Bar Tensile Test as per ASTM F1554

Sr. No.	Weight	Diameter/ Size (mm)		Area (mm^2)		Yield load	Breaking Load	Yield Stress (MPa)	Ultimate Stress (MPa)	Elongation	% Elongation	Remarks
	(kg/m)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Actual	Actual	(inch)		
1	6.528	32	32.54	-------	831.6	29600	45800	349	540	2.00	25.0	
2	6.383	32	32.18	-------	813.2	29800	44800	359	540	2.00	25.0	
3	10.141	40	40.56	-------	1291.8	47600	71600	361	544	1.30	16.3	
4	10.085	40	40.44	-------	1284.7	51800	79400	396	606	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
Note: only Four samples for tensile test												
Bend Test												

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,
PM
Pacecicle
Construction Pacecicle

Reference # CED/TFL **36071** (Dr. M Rizwan Riaz) Dated: 11-02-2021
Reference of the request letter # Nil Dated: 10-02-2021

Tension Test Report (Page -1/1)

Date of Test 12-02-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.377	10	9.54	0.12	0.111	3600	4400	66138	71590	80835	87500	1.20	15.0	
2	0.379	10	9.56	0.12	0.111	3600	4500	66138	71290	82673	89200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and two sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
Resident Engineer
EA Consulting Pvt Ltd
Life Style Residency Apartment - Bedian Road

Reference # CED/TFL **36073** (Dr. M Rizwan Riaz) Dated: 11-02-2021
Reference of the request letter # EA/FGEHA/LHE/096 Dated: 09-02-2021

Tension Test Report (Page -1/1)

Date of Test 12-02-2021
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	0.368	3	0.371	0.11	0.108	3500	5300	70200	71240	106200	107900	1.00	12.5	
2	0.371	3	0.373	0.11	0.109	3600	5400	72200	72720	108200	109100	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and two sample for bend test														
Bend Test														
#3 Dia Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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