



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
 A.S Enterprises
 (Style Textile Mill)(AA Associates)(Afco)

Reference # CED/TFL **33334** (Dr. M Rizwan Riaz)
 Reference of the request letter # USA/ASE/07

Dated: 31-05-2019
 Dated: 30-05-2019

Tension Test Report (Page -1/1)

Date of Test 10-06-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		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	0.411	10	9.96	0.11	0.121	3500	5000	70200	63840	100200	91200	1.30	16.3	
2	0.413	10	9.99	0.11	0.122	3500	5000	70200	63490	100200	90700	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

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,
 Site Engineer
 Eagle Estate
 Eagle Heights Dream Gardens Lahore Project (Eagle Heights)

Reference # CED/TFL **33336** (Dr. M Rizwan Riaz)
 Reference of the request letter # Dg/21, 22

Dated: 31-05-2019
 Dated: 31-05-2019

Tension Test Report (Page -1/1)

Date of Test 10-06-2019
 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	0.358	3	0.366	0.11	0.105	3100	4500	62200	65010	90200	94400	1.10	13.8	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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UET Lahore, Pakistan.

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To,
M/S Defence Housing Authority.
Lahore Cantt
(Const of Mosque Sector-L, DHA Ph-V)(M/s Ghazi Builders)

Reference # CED/TFL **33337** (Dr. M Rizwan Riaz)
Reference of the request letter # 408/241/E/Lab/602/051

Dated: 31-05-2019
Dated: 31-05-2019

Tension Test Report (Page -1/1)

Date of Test 10-06-2019
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	0.402	3	0.388	0.11	0.118	3200	5300	64200	59630	106200	98800	1.20	15.0	Ittefaq Steel
2	0.406	3	0.390	0.11	0.119	3300	5300	66200	61000	106200	98000	1.30	16.3	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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To,
M/S Al-Habib Construction Company (Pvt) Ltd
Lahore
(CMPAK GSM Project Pahse- IX – Site ID: 42790, 42494)

Reference # CED/TFL **33340** (Dr. M Rizwan Riaz)
Reference of the request letter # AHCC/CMPAK/015

Dated: 03-06-2019
Dated: 29-05-2019

Tension Test Report (Page -1/1)

Date of Test 10-06-2019
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		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	0.381	10	9.59	0.11	0.112	3600	4200	72200	70850	84200	82700	1.20	15.0	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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