



**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  
 Zaheer Associates  
 AR Developers & Town Planers  
 Mosque in B-Block Project of Al-Rehman Garden Ph-7 Lahore

Reference # CED/TFL **1513** (Dr. Safer Abbass)  
 Reference of the request letter # Z.A/A.R/30-22

Dated: 07-06-2022  
 Dated: 06-06-2022

**Tension Test Report** (Page -1/1)

Date of Test 08-06-2022  
 Gauge length 8 inches  
 Description Deformed Steel Bar Tensile and Ben;d Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in <sup>2</sup> )		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	0.370	3	0.372	0.11	0.109	3800	4800	76200	76930	96200	97200	1.20	15.0	Moez Steel
2	0.372	3	0.373	0.11	0.109	3300	4800	66200	66500	96200	96800	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 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  
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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,  
 Resident Engineer  
 NESPAK  
 Construction of LDA City Naya Pakistan Apartments Lahore - Part-03 & Part-06

Reference # CED/TFL **1516** (Dr. Safer Abbass)  
 Reference of the request letter # 4047/13/WM/09-III/194

Dated: 07-06-2022  
 Dated: 06-06-2022

**Tension Test Report** (Page -1/1)

Date of Test 08-06-2022  
 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 <sup>2</sup> )		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	0.369	3	0.372	0.11	0.108	3500	5000	70200	71140	100200	101700	1.10	13.8	Moiz Steel
2	0.366	3	0.370	0.11	0.108	3500	5000	70200	71750	100200	102500	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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To,  
 Resident Engineer  
 AZ Engineering Associates  
 Dualization of Sialkot-Pasrur Road Length=27.35 km (Phase-1 km 0.00 to 14.60 Length = 14.60  
 kms) in District Sialkot (Section km no. 10.06 to 14.60, Length = 4.45km) Group-III

Reference # CED/TFL **1518** (Dr. Safer Abbass)  
 Reference of the request letter # AZEA/SLK/ADP/22/18

Dated: 07-06-2022  
 Dated: 31-05-2022

**Tension Test Report** (Page -1/1)

Date of Test 08-06-2022  
 Gauge length 8 inches  
 Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (inch)		Area (in <sup>2</sup> )		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	0.413	3/8	0.393	0.11	0.121	4300	5600	86200	78050	112300	101700	1.20	15.0	Agha Steel
2	0.351	3/8	0.363	0.11	0.103	4300	5600	86200	91810	112300	119600	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile test</b>														
Bend Test														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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To,  
 Resident Engineer  
 City Survey & Engineering Consultants  
 Green View Executive Apartments Phase-V

Reference # CED/TFL **1519** (Dr. Safer Abbass)  
 Reference of the request letter # GVA/RE/07/22

Dated: 07-06-2022  
 Dated: 07-06-2022

**Tension Test Report** (Page -1/1)

Date of Test 08-06-2022  
 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 <sup>2</sup> )		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	0.373	3	0.374	0.11	0.110	4100	5000	82200	82350	100200	100500	0.90	11.3	
2	0.370	3	0.372	0.11	0.109	4000	4800	80200	80960	96200	97200	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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