



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

To,  
HOD,  
Design & Construction Department-HO  
City Schools (Pvt) Ltd.  
Project: Iqbal Campus Sialkot Phase-II.

Reference # CED/TFL **5233** (Dr. M Rizwan Riaz)  
Reference of the request letter # TCS/D&C/HO/001/SKT/2025

Dated: 07-06-2024  
Dated: 06-06-2024

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

Date of Test 10-06-2024  
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	0.367	3	0.370	0.11	0.108	3300	5200	66200	67480	104200	106400	1.10	13.8	
2	0.369	3	0.372	0.11	0.109	3300	5200	66200	67030	104200	105700	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<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  
[http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing\\_reports](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,

Resident Engineer  
ACE - ARTS (Consultants)  
Establishment of University of Applied Engineering and Emerging Technologies  
(UAEET) Sambrial, Sialkot

Reference # CED/TFL **5234** (Dr.Rizwan Riaz)  
Reference of the request letter # ER/UAEET/ACE/ME/2024/21

Dated: 10-06-2024  
Dated: 07-06-2024

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

Date of Test 10-06-2024  
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	0.364	3	0.369	0.11	0.107	3300	4500	66200	68000	90200	92800	1.40	17.5	Heat # 63-X 91-X 514-P Sheikhoo Steel
2	0.362	3	0.368	0.11	0.106	3300	4500	66200	68300	90200	93200	1.50	18.8	
3	0.370	3	0.372	0.11	0.109	3700	4800	74200	75080	96200	97500	1.20	15.0	
4	0.371	3	0.373	0.11	0.109	3700	4900	74200	74710	98200	99000	1.10	13.8	
5	0.367	3	0.371	0.11	0.108	3300	4600	66200	67390	92200	94000	1.40	17.5	
6	0.372	3	0.373	0.11	0.109	3500	4600	70200	70510	92200	92700	1.30	16.3	
<b>Note: only Six samples for tensile and three sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														
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To,  
M/S Ansaar Management Company  
Lahore

Reference # CED/TFL **5235** (Dr. M Rizwan Riaz)  
Reference of the request letter # AMC/BHS/001

Dated: 07-06-2024  
Dated: 06-06-2024

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

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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	0.356	3	0.365	0.11	0.105	3100	5000	62200	65310	100200	105400	1.00	12.5	
2	0.354	3	0.364	0.11	0.104	3200	4900	64200	67710	98200	103700	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														

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To,  
 The Site Engineer,  
 OZ Developers,  
 Rising Beyond Pvt. Ltd.  
 Construction of High-rise building “Bahria Sky” at Bahria Orchard Phase 4 Lahore.

Reference # CED/TFL **5236** (Dr.Rizwan Riaz)  
 Reference of the request letter # NIL

Dated: 10-06-2024  
 Dated: 10-06-2024

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

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		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.367	3	0.371	0.11	0.108	3300	4900	66200	67460	98200	100200	1.40	17.5	
2	0.371	3	0.373	0.11	0.109	3400	4900	68200	68680	98200	99000	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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