



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

To,  
 Team Leader  
 Q2A Aesthetic Engineering International  
 Consultancy Services Rice Field Road International Impex Private Limited (A.G & Company)

Reference # CED/TFL **37231** (Dr. Usman Akmal)  
 Reference of the request letter # TL/RFR/01

Dated: 20-10-2021  
 Dated: 18-10-2021

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

Date of Test 21-10-2021  
 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	0.371	0.11	0.108	3300	4900	66200	67440	98200	100200	1.40	17.5	Kamran steel
2	0.369	3	0.371	0.11	0.108	3300	4900	66200	67130	98200	99700	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<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.**

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,  
 Sub Divisional Officer  
 Highway Sub Division  
 Nankana Sahib  
 (Rehabilitation / Construction of Metalled Road (T.S.T) from Habokey Bala to District Boundary  
 Nankana Sahib Length 2.40 km in District Nankana Sahib)

Reference # CED/TFL **37232** (Dr. Usman Akmal)  
 Reference of the request letter # 1420/M/CB

Dated: 20-10-2021  
 Dated: 07-10-2021

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

Date of Test 21-10-2021  
 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	0.368	3	0.371	0.11	0.108	3700	5000	74200	75480	100200	102000	0.90	11.3	
2	0.367	3	0.371	0.11	0.108	3900	5100	78200	79640	102200	104200	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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**Test Floor Laboratory**  
**Department of Civil Engineering**  
**University of Engineering and Technology Lahore, 54890**  
**Pakistan. Ph: 92-42-99029202**

To,  
 Sub Divisional Officer  
 Building Sub Division  
 Pattoki  
 (Construction of 02-Nos. Sdditional Class Rooms at Govt. Boys Elementary School Kot Sardar Kahan (Akbarabad) Tehsil Pattoki District Kasur)

Reference # CED/TFL **37234** (Dr. Usman Akmal)  
 Reference of the request letter # 711/P

Dated: 20-10-2021  
 Dated: 15-10-2021

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

Date of Test 21-10-2021  
 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	0.401	3/8	0.387	0.11	0.118	3300	4900	66200	61730	98200	91700	0.90	11.3	
2	0.389	3/8	0.382	0.11	0.114	3500	5300	70200	67480	106200	102200	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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**Test Floor Laboratory**  
**Department of Civil Engineering**  
**University of Engineering and Technology Lahore, 54890**  
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To,  
 Resident Engineer  
 NESPAK  
 Construction of Underpass at Ghulab Davi Hospital and Additional Lanes on Lahore Bridge

Reference # CED/TFL **37235** (Dr. Usman Akmal)  
 Reference of the request letter # 3772/103/GD/RE/05/122

Dated: 20-10-2021  
 Dated: 16-10-2021

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

Date of Test 21-10-2021  
 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	0.380	3	0.377	0.11	0.112	3500	5100	70200	69090	102200	100700	1.30	16.3	Kamran steel
2	0.380	3	0.377	0.11	0.112	3500	5100	70200	69120	102200	100800	1.40	17.5	
3	4.305	10	1.269	1.27	1.266	40000	56600	69500	69670	98300	98600	1.30	16.3	
4	4.307	10	1.270	1.27	1.266	40000	57000	69500	69650	99000	99300	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only four samples for tensile and two samples for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														
#10 Bar Bend Test Through 180° is Satisfactory														

**I/C Testing Laboratoires**  
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2. The above results pertain to sample /samples supplied to this laboratory.
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To,  
 Senior Civil Engineer  
 National Management Foundation  
 Construction of Female Hostel-6 Building at LUMS

Reference # CED/TFL **37240** (Dr. Safer Abbass)  
 Reference of the request letter # NMF/GM/F-61

Dated: 21-10-2021  
 Dated: 21-10-2021

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

Date of Test 21-10-2021  
 Gauge length 8 inches  
 Description Deformed Steel Bar Tensile and Bend 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	0.375	3/8	0.374	0.11	0.110	3600	4700	72200	72080	94200	94100	1.20	15.0	
2	0.375	3/8	0.374	0.11	0.110	3700	4800	74200	74080	96200	96100	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for Bend test</b>														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

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