



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

To,
 Sub Divisional Officer
 Highway Sub Division Taunsa
 (Rehabilitation of Metalled Road from Vehova to Kotani Length = 7.50 km, District D.G Khan)

Reference # CED/TFL **36459** (Dr. Ali Ahmed)
 Reference of the request letter # 557

Dated: 24-05-2021
 Dated: 19-04-2021

Tension Test Report (Page -1/1)

Date of Test 26-05-2021
 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 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	0.371	3	0.373	0.11	0.109	3200	5200	64200	64660	104200	105100	1.40	17.5	
2	0.375	3	0.375	0.11	0.110	3200	5200	64200	63980	104200	104000	1.40	17.5	
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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														

I/C Testing Laboratories
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,
M/S Baig Construction Co.
Lahore
((Madrasa Raiwind Markaz))

Reference # CED/TFL **36460** (Dr. Ali Ahmed)
Reference of the request letter # Nil

Dated: 24-05-2021
Dated: 24-05-2021

Tension Test Report (Page -1/1)

Date of Test 26-05-2021
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 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	0.352	3/8	0.363	0.11	0.103	3600	4800	72200	76780	96200	102400	0.90	11.3	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Manager QC
 Country Developers (Pvt) Ltd
 64-E/1 Gulberg III Lahore
 (Project: 46-G Model Town Lahore) – (Careative Constructors)

Reference # CED/TFL **36463** (Dr. Ali Ahmed)
 Reference of the request letter # CD-21-Testing/ST/46g-001

Dated: 24-05-2021
 Dated: 24-05-2021

Tension Test Report (Page -1/1)

Date of Test 26-05-2021
 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 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	0.381	3	0.378	0.11	0.112	3900	5200	78200	76720	104200	102300	0.80	10.0	
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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														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 SPM (Jv) PEC Bldg Proj
 NLC Engineers - Tijaarat Developers (Jv)
 Lahore

Reference # CED/TFL **36465** (Dr. Ali Ahmed)
 Reference of the request letter # 901/NLC-TD(JV)PEC/208

Dated: 25-05-2021
 Dated: 24-05-2021

Tension Test Report (Page -1/1)

Date of Test 26-05-2021
 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 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	0.391	3	0.382	0.11	0.115	4000	5400	80200	76730	108200	103600	1.10	13.8	FF Steel
2	0.391	3	0.383	0.11	0.115	4000	5400	80200	76660	108200	103500	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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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