



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

To,
M/S Malik Steel Sales Depot
Lahore

Reference # CED/TFL **2071** (Dr. M Rizwan Riaz)
Reference of the request letter # Nil

Dated: 06-10-2022

Dated: 06-10-2022

Tension Test Report (Page -1/1)

Date of Test 06-10-2022
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.373	3	0.373	0.11	0.109	3400	5300	68200	68440	106200	106700	1.40	17.5	Model Steel
2	0.379	3	0.377	0.11	0.111	3700	5400	74200	73210	108200	106900	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

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,
 Project Engineer
 Defence Housing Authority
 Gujranwala
 “Sector-C”

Reference # CED/TFL **2074** (Dr. M Rizwan Riaz)
 Reference of the request letter # 111/15/PE/RS/Pkg-2A/700

Dated: 06-10-2022
 Dated: 06-10-2022

Tension Test Report (Page -1/1)

Date of Test 06-10-2022
 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 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	4.338	10	1.274	1.27	1.275	38600	55200	67000	66730	95800	95500	1.60	20.0	Nonee Steel
2	4.325	10	1.272	1.27	1.271	39000	56600	67700	67620	98300	98200	1.50	18.8	
3	4.359	10	1.277	1.27	1.281	40400	55600	70200	69500	96500	95700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile test														
Bend Test														

Witness by Qamar Ibrahim (SLT DHA Gujranwala) and Zuliqar Haider (Material Engineer, SAC)

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UET Lahore, Pakistan.

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