



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

To,

Assistant Director
Defence Housing Authority
Gujranwala
(Construction of Villas (Block B))

Reference # CED/TFL **3164** (Dr. Asad Ali)
Reference of the request letter # 111/3/AD Bldgs/Gen/45

Dated: 08-05-2023
Dated: 06-05-2023

Tension Test Report (Page -1/1)

Date of Test 09-05-2023
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	0.394	3	0.384	0.11	0.116	3820	4690	76600	72690	94000	89300	1.10	13.8	Afaq Steel (Batala Steel)	
2	0.389	3	0.381	0.11	0.114	3670	4430	73600	70790	88800	85500	1.10	13.8		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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 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
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 Jamal Seamless Pipe (Pvt) Ltd
Lahore

Reference # CED/TFL **3169** (Engr. Ubaid Ahmed)
Reference of the request letter # JPI/JSLP/2023

Dated: 08-05-2023
Dated: 08-05-2023

Size Test Report (Page – 1/1)
Date of Test 09-05-2023
Description Seamless Pipe Size Test

Sr. No.	Designation	External Diameter	Internal Diameter	Wall Thickness	Remark
	(mm)	(mm)	(mm)	(mm)	
1	33.40	33.60	26.80	3.40	
2	60.30	60.30	52.10	4.10	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Only Two Samples for Test					

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UET Lahore, Pakistan.

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To,

Engineer
 Women University D.G Khan
 University of Education D.G Khan
 (Construction of Academic Block at University of Education D.G. Khan Sub Campus
 (University of Education Dera Ghazi Khan)

Reference # CED/TFL **3175** (Dr. Asad Ali)
 Reference of the request letter # WU/UEDGK/223/740

Dated: 09-05-2023
 Dated: 08-05-2023

Tension Test Report (Page -1/1)

Date of Test 09-05-2023
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in ²)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.360	3	0.367	0.11	0.106	3570	4560	71600	74410	91400	95100	1.00	12.5	Kisan Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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