



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 Prime Steel Re-Rolling Mills
 Sheikhpura

Reference # CED/TFL **5129** (Dr. Ali Ahmed)
 Reference of the request letter # Nil

Dated: 22-05-2024
 Dated: 22-05-2024

Tension Test Report (Page -1/2)

Date of Test 22-05-2024
 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	0.383	3	0.379	0.11	0.113	3200	4900	64200	62640	98200	96000	1.10	13.8	Prime Steel Heat No.1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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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 Sheikhpura

Reference # CED/TFL **5129** (Dr. Ali Ahmed)
 Reference of the request letter # Nil

Dated: 22-05-2024
 Dated: 22-05-2024

Tension Test Report (Page -2/2)

Date of Test 22-05-2024
 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 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	0.384	3	0.379	0.11	0.113	3400	5300	68200	66420	106200	103600	1.10	13.8	Prime Steel Heat No.2	
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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.

Note:

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Pakistan. Ph: 92-42-99029202

To,
Dy Dir Infra
Defence Housing Authority, Gujranwala
"Sector L."

Reference # CED/TFL **5130** (Dr. Ali Ahmed)
Reference of the request letter # 111/15/DD/RS/Lab/Sec L/944

Dated: 22-05-2024
Dated: 16-05-2024

Tension Test Report (Page -1/1)

Date of Test 22-05-2024
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 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	0.392	3	0.383	0.11	0.115	3500	5100	70200	66890	102200	97500	1.00	12.5	SJ Steel
2	0.369	3	0.371	0.11	0.108	3200	4800	64200	65090	96200	97700	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.

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Test Floor Laboratory
Department of Civil Engineering
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Pakistan. Ph: 92-42-99029202

To,

Dy Dir Infra
Defence Housing Authority, Gujranwala
"Sec C"

Reference # CED/TFL **5131** (Dr. Safer Abbas)

Dated: 22-05-2024

Reference of the request letter # 111/15/DD/RS/Lab/Pkg-2A/2172

Dated: 22-05-2024

Test Report(Page -1/1)

Date of Test 22-05-2024

Description Deformed Steel Bar Weight & Size Test as per ASTM-A615

Sr. No.	Weight	Diameter/ size		Area (in ²)		Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	
1	0.384	3	0.379	0.11	0.113	FF Steel
2	0.378	3	0.376	0.11	0.111	
3	0.377	3	0.376	0.11	0.111	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
Note: only three samples for test						

I/C Testing Laboratories
UET Lahore, Pakistan.

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