



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 Sinaco Engineerings (Pvt) Limited
Lahore

Reference # CED/TFL **34348** (Dr. M Rizwan Riaz)
Reference of the request letter # SEL/LHR/10658

Dated: 20-12-2019
Dated: 16-12-2019

Tension Test Report (Page – 1/1)

Date of Test 23-12-2019
Gauge length 2 inches
Description Steel Sheet Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(mm)	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	1.5	23.40x1.50	35.10	1600	2300	447.18	642.82	0.50	25.00	
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Only One Sample for Tensile Test										
Bend Test										

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,
 RCM
 Myson Engineering System Pvt Ltd
 Telenor Site ID ISW022

Reference # CED/TFL **34349** (Dr. M Rizwan Riaz)
 Reference of the request letter # MES/LHR/UET/003

Dated: 20-12-2019
 Dated: 19-12-2019

Tension Test Report (Page -1/1)

Date of Test 23-12-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (mm)		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	0.370	10	9.45	0.12	0.109	3200	5000	58789	64820	91858	101300	1.40	17.5	
2	0.407	10	9.92	0.12	0.120	3300	5600	60627	60770	102881	103200	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
 Resident Engineer
 Ess Ess Associates
 Construction of Family Wing Hospital 500 Beds at Sarfraz Rafiqui Road Lahore

Reference # CED/TFL **34354** (Dr. M Rizwan Riaz)
 Reference of the request letter # Nil

Dated: 20-12-2019
 Dated: 06-12-2019

Tension Test Report (Page -1/1)

Date of Test 23-12-2019
 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	0.366	3	0.370	0.11	0.107	2800	4200	56200	57440	84200	86200	1.60	20.0	
2	0.369	3	0.371	0.11	0.108	2800	4200	56200	56950	84200	85500	1.60	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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