



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

To,
 Chief Resident Engineer
 Osmani & Company (Pvt) Ltd
 Swat Motorway Project

Reference # CED/TFL **33255** (Dr. M Rizwan Riaz)
 Reference of the request letter # 298/CRE/QAT/SMP/2019

Dated: 17-05-2019
 Dated: 16-05-2019

Tension Test Report (Page – 1/1)

Date of Test 23-05-2019
 Gauge length 2 inches
 Description Bearing Plate 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 ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	Plate	29.20x34.10	995.72	29600	46600	291.62	459.11	1.20	60.00	
2	Plate	29.20x36.25	1058.50	33000	49000	305.84	454.12	1.00	50.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples 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,
 CEO
 Nam Associates
 MCB Bhimber Road, Gujrat

Reference # CED/TFL **33276** (Dr. Usman Akmal)
 Reference of the request letter # NAM-420/07

Dated: 22-05-2019
 Dated: 21-05-2019

Tension Test Report (Page -1/1)

Date of Test 23-05-2019
 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	0.383	3	0.379	0.11	0.113	3100	5000	62200	60700	100200	98000	1.20	15.0	
2	0.381	3	0.378	0.11	0.112	3200	5000	64200	62980	100200	98500	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

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