



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 SSC Manufacturing (Pvt) Ltd
Jail Road, Lahore

Reference # CED/TFL **33203** (Dr. Usman Akmal)
Reference of the request letter # SSC/SIC/001

Dated: 09-05-2019
Dated: 09-05-2019

Tension Test Report (Page -1/1)

Date of Test 10-05-2019
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size (inch)		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	0.367	3	0.371	0.11	0.108	3800	4900	76200	77680	98200	100200	1.10	13.8	
2	0.368	3	0.371	0.11	0.108	3800	4900	76200	77340	98200	99800	0.90	11.3	
3	0.373	3	0.374	0.11	0.110	4100	5000	82200	82460	100200	100600	0.80	10.0	
4	0.368	3	0.371	0.11	0.108	4000	4900	80200	81420	98200	99800	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only four samples for tensile and two samples for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														
3/8" Dia 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,
Resident Engineer
RENARDET S.A ((M-4), Package-II)
Construction of Faisalabad-Khanewal Motorway (M-4) Project, Package-II, Gojra - Jamani,
Section 2A

Reference # CED/TFL **33204** (Dr. Qasim Khan)
Reference of the request letter # RE/M-4/2A/2019/493

Dated: 09-05-2019
Dated: 21-02-2019

Tension Test Report (Page – 1/2)

Date of Test 10-05-2019
Gauge length 2 inches
Description Gabin Wire Tensile Test

Sr. No.	Designation	Measure Diameter	Area	Breaking Load	Ultimate Stress	Elongation	% Elongation	Marks
	-----	(cm)	(cm ²)	(kg)	(kg/cm ²)	(inch)		
1	Perimeter Wire	0.39	0.119	520	4352.96	0.5	25.00	
2	Body Wire	0.30	0.071	320	4527.07	0.5	25.00	
3	Connective Wire	0.20	0.031	160	5092.96	0.4	20.00	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	

Only Three Samples for Tensile Test

I/C Testing Laboratoires
UET Lahore, Pakistan.

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Dated: 09-05-2019
Dated: 21-02-2019

Size Test Report (Page – 2/2)
Date of Test 10-05-2019
Gauge length 2 inches
Description Gabin Wire Diameter Test

Sr. No.	Designation	Measure Diameter	Marks
	-----	(mm)	
1	Perimeter Wire	3.90	
2	Body Wire	3.00	
3	Connective Wire	2.00	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only Three Samples for Tensile Test			

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