



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

To,
Resident Engineer
Dar Engineering
Punjab Agriculture Food and Durg Authority's Science Enclave, Lahore Pakistan

Reference # CED/TFL **35616** (Dr. Usman Akmal)
Reference of the request letter # DB-78/DAR/RE/ME/2020/0241

Dated: 11-11-2020
Dated: 11-11-2020

Tension Test Report (Page – 1/1)

Date of Test 19-11-2020
Gauge length 2 inches
Description MS Angle Steel Strip Tensile Test as per ASTM A-36

Sr. No.	Designation		Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(inch)	(mm)									
1	MS Angle	3x3x1/4	31.70x6.60	209.22	7800	10400	365.73	487.64	0.70	35.00	
2			31.70x6.30	199.71	7500	10700	368.41	525.60	0.70	35.00	
3	MS Angle	5x5x1/2	26.70x12.60	336.42	10800	17600	314.93	513.22	0.70	35.00	
4			26.70x12.60	336.42	10600	16500	309.10	481.14	0.80	40.00	
5	MS Angle	5x5x1/2	27.00x12.60	340.20	11000	17400	317.20	501.75	0.90	45.00	
6			27.00x12.60	340.20	10400	16200	299.89	467.14	0.80	40.00	
Only Six Samples for Tensile Test											
Bend Test											

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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

To,
 Manager Civil
 Service Long March Tyres (Private) Limited
 SLM TBR Tyres Project – Nooriabad – Distt. Jamshoro – Sindh
 (Qavi Engineers)(New Shalimar Industries Pvt Ltd Lahore)
 Reference # CED/TFL **35620** (Dr. Ali Ahmed)
 Reference of the request letter # SLM-CI-CVL-QTJV-20201110-008

Dated: 12-11-2020
 Dated: 10-11-2020

Tension Test Report (Page -1/3)

Date of Test 19-11-2020
 Gauge length 8 inches
 Description Steel Anchor Bolt Tensile Test as per ASTM F1554

Sr. No.	Weight	Diameter/ size		Area (mm ²)		Yield load	Breaking Load	Yield Stress (MPa)	Ultimate Stress (MPa)	Elongation	% Elongation	Remarks
	(kg/m)	Nominal (mm)	Actual (mm)	Nominal	Actual	(kg)	(kg)	Actual	Actual	(inch)		
1	5.644	30	30.26	-----	718.9	29800	49600	407	677	0.70	35.00	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile test												
Bend Test												

Witness by Dr. Saadia Farid (Asst. Professor Deptt. Of Mathematics UET, Lahore)

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
Manager Civil
Service Long March Tyres (Private) Limited
SLM TBR Tyres Project – Nooriabad – Distt. Jamshoro – Sindh
(Qavi Engineers)(New Shalimar Industries Pvt Ltd Lahore)
Reference # CED/TFL **35620** (Dr. Ali Ahmed)
Reference of the request letter # SLM-CI-CVL-QTJV-20201110-008

Dated: 12-11-2020
Dated: 10-11-2020

Tension Test Report (Page -1/2)

Date of Test 19-11-2020
Gauge length 8 inches
Description Steel Anchor Bolt Tensile Test as per ASTM F1554

Sr. No.	Diameter / size	Reduced Dia	Reduced Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	(mm)	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(inch)		
1	45	32.00	804.248	37000	65400	451.32	797.73	0.40	20.00	
2	50	34.00	907.920	40400	70200	436.52	758.50	0.60	30.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test										
-	-	-	-	-	-	-	-	-	-	
Bend Test										

Witness by Dr. Saadia Farid (Asst. Professor Deptt. Of Mathematics UET, Lahore)

I/C Testing Laboratoires
UET Lahore, Pakistan.

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Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
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To,
Manager Civil
Service Long March Tyres (Private) Limited
SLM TBR Tyres Project – Nooriabad – Distt. Jamshoro – Sindh
(Qavi Engineers)(New Shalimar Industries Pvt Ltd Lahore)

Reference # CED/TFL **35620** (Dr. Ali Ahmed)
Reference of the request letter # SLM-CI-CVL-QTJV-20201110-008

Dated: 12-11-2020
Dated: 10-11-2020

Test Report(Page -2/2)

Date of Test 19-11-2020
Description Steel Anchor Bolt Weight & Size Test

Sr. No.	Weight	Diameter/ Size (mm)		Area (mm ²)		Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	
1	5.644	30	30.26	-----	718.9	
2	12.010	45	44.14	-----	1529.9	
3	17.888	50	53.86	-----	2278.7	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
Note: only three samples for test						

Witness by Dr. Saadia Farid (Asst. Professor Deptt. Of Mathematics UET, Lahore)

I/C Testing Laboratoires
UET Lahore, Pakistan.

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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 Defence Housing Authority.
Lahore Cantt
(Infra Development Works at Sector-Q DHA Rahbar Ph-XI) (M/s DHA-C)

Reference # CED/TFL **35637** (Dr. Usman Akmal)
Reference of the request letter # 408/241/E/Lab/1035/39

Dated: 17-11-2020
Dated: 16-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
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	0.396	3	0.385	0.11	0.116	3900	5300	78200	73880	106200	100400	1.40	17.5	Kamran Steel
2	0.364	3	0.369	0.11	0.107	3400	4600	68200	70080	92200	94900	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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 Resident Engineer
 QA/QC Department
 Bahria Town Private Limited, Lahore
 Ali Villa at Block Bahria Town Multan Road Lahore

Reference # CED/TFL **35639** (Dr. Usman Akmal)
 Reference of the request letter # QA/QC-Steel-2168

Dated: 17-11-2020
 Dated: 16-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	0.370	3	0.372	0.11	0.109	3400	5100	68200	68960	102200	103500	1.20	15.0	Ittefaq Steel
2	0.369	3	0.372	0.11	0.108	3400	5200	68200	69090	104200	105700	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 PM/CRE (DCRIP)
 MM Pakistan (Pvt) Ltd.
 Disaster and Climate Resilience Improvement Project (DCRIP) – Restoration of Hassuwali Flood Bund along its River Training Structures Damaged During Flood 2014 (Additional Works of Lining of Hassuwali Distributary)
 Reference # CED/TFL **35642** (Dr. Usman Akmal) Dated: 17-11-2020
 Reference of the request letter # DCRIP/PM/HWL/1767 Dated: 14-10-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	0.371	3	0.373	0.11	0.109	2900	4100	58200	58600	82200	82900	1.20	15.0	
2	0.375	3	0.375	0.11	0.110	2900	4100	58200	58000	82200	82000	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
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Pakistan. Ph: 92-42-99029202

To,
 Resident Engineer
 ACES Pvt Ltd
 Development of Sector – R (Old Sector – A), DHA Multan

Reference # CED/TFL **35643** (Dr. Usman Akmal)
 Reference of the request letter # RE/Sec – R/Material/06

Dated: 17-11-2020
 Dated: 02-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	0.362	3	0.368	0.11	0.106	3500	4800	70200	72500	96200	99500	1.40	17.5	FF Steel
2	0.362	3	0.368	0.11	0.106	3500	4700	70200	72600	94200	97500	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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:

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

To,
 Executive Engineer (PMU)
 University of Sargodha
 Construction of State of Art Multiturpose Academic Structure (Package-02) at University of Sargodha
 Reference # CED/TFL **35644** (Dr. Usman Akmal) Dated: 17-11-2020
 Reference of the request letter # SU/PMU/637 Dated: 16-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	0.382	3/8	0.378	0.11	0.112	3500	5300	70200	68760	106200	104200	1.00	12.5	
2	0.384	3/8	0.379	0.11	0.113	3500	5200	70200	68410	104200	101700	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
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To,
 Project Manager ICPL - OMPL 0629
 Izhar Construction (Pvt) Ltd
 Construction of Production Hall & Raw Material Store at Orient Material (Pvt) Ltd. At M3-
 Industrial Area, Faisalabad

Reference # CED/TFL **35648** (Dr. Usman Akmal)
 Reference of the request letter # ICPL/Const-OMPL/20/058

Dated: 18-11-2020
 Dated: 12-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	Marks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.371	3/8	0.373	0.11	0.109	3600	4900	72200	72730	98200	99000	0.90	11.3	
2	0.363	3/8	0.369	0.11	0.107	3400	4700	68200	70240	94200	97100	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
 Project Manager
 SA Garden Kala Shsh Kaku, Phase 1

Reference # CED/TFL **35650** (Dr. Usman Akmal)
 Reference of the request letter # SA/PM/Amphitheater/203

Dated: 18-11-2020
 Dated: 17-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	Marks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.394	3	0.384	0.11	0.116	3600	4900	72200	68580	98200	93400	1.10	13.8	FF Steel
2	0.393	3	0.384	0.11	0.116	3700	4900	74200	70550	98200	93500	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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 Laboratories
UET Lahore, Pakistan.

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Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
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To,
 Construction Manager
 Guarantee Engineers (Pvt) Ltd
 Lahore

Reference # CED/TFL **35651** (Dr. Usman Akmal)
 Reference of the request letter # Nil

Dated: 18-11-2020
 Dated: 18-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend 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	Marks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.372	10	9.47	0.12	0.109	3700	4900	67975	74660	90021	98900	1.10	13.8	
2	0.370	10	9.45	0.12	0.109	3800	5000	69812	77040	91858	101400	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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

To,
 Deputy Director (QCD)
 WASA, LDA Lahore
 Construction of WASA Head Office at M.A Johar Town Lahore
 (M/s HCS-SNMC-MASTIC(JV))

Reference # CED/TFL **35652** (Dr. Usman Akmal)
 Reference of the request letter # QCD/2761-62

Dated: 18-11-2020
 Dated: 16-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020
 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	Marks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.370	3	0.372	0.11	0.109	4200	5200	84200	85050	104200	105300	0.90	11.3	
2	0.395	3	0.384	0.11	0.116	4100	5200	82200	77920	104200	98900	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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



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

To,
 Deputy Director, Engg.
 Sec I & II, Package – I, LOLMTP
 LDA, Lahore

“Construction of Baghbanpura Police Station GT Road Lahore” “Lahore Orange Line Metro Train Project (Package-I)

Reference # CED/TFL **35653** (Dr. Usman Akmal)

Dated: 18-11-2020

Reference of the request letter # DD/PKG-I/LOLMTP/LDA/19

Dated: 17-11-2020

Tension Test Report (Page -1/1)

Date of Test 19-11-2020

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	Marks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.372	3	0.373	0.11	0.109	3400	5200	68200	68560	104200	104900	1.20	15.0	
2	0.372	3	0.373	0.11	0.109	3400	5200	68200	68580	104200	104900	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

Note:

- 1- You can See your reports On Internet in the following web site
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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 Deputy Director
 Development & Maintenance,
 Punjab Land Record Authority, Lahore

Reference # CED/TFL **35654** (Dr. Ali Ahmed)
 Reference of the request letter # PLRA/DD.(C.W)/QP/2020/11/19

Dated: 18-11-2020
 Dated: 10-11-2020

Tension Test Report (Page – 1/2)

Date of Test 02-09-2020
 Gauge length 2 inches
 Description Steel Girder 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	Steel Girder	26.40x5.65	149.16	5500	7900	361.73	519.57	0.60	30.00	
2		26.40x5.65	149.16	5600	7900	368.30	519.57	0.60	30.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only Two Samples for Tensile Test										
Bend Test										

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:

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

To,
Deputy Director
Development & Maintenance,
Punjab Land Record Authority, Lahore

Reference # CED/TFL **35654** (Dr. Ali Ahmed)
Reference of the request letter # PLRA/DD.(C.W)/QP/2020/11/19

Dated: 18-11-2020
Dated: 10-11-2020

Size Test Report (Page – 2/2)

Date of Test

19-11-2020

Description

Polyurethane PU Panel thickness Test

Sr. No.	Designation	Thickness	Remark
		(mm)	
1	Polyurethane PU Panel	39.50	
-	-	-	
-	-	-	
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	
Only One Sample for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

Note:

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