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 Ravi Construction Company
Lahore
(Repetify @ QABP, Sheikhupura.)

Reference # CED/TFL **6143** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # Nil Dated: 11-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.368	3/8	0.371	0.11	0.108	3200	4900	64200	65260	98200	100000	1.10	13.8	Al-Moiz Steel
2	0.368	3/8	0.371	0.11	0.108	3300	4900	66200	67190	98200	99800	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

3/8" Dia Bar Bend Test Through 180º 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,

Assistant Resident Engineer
MM Pakistan (Pvt) Ltd.
Package-III (PCP) Kamalia
Improvement of Sewerage System and Construction of Waste Water Treatment Plant (WWTP) Kamalia City.

Reference # CED/TFL **6144** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # MMP/1095/Kamalia/DW/77/2024 Dated: 09-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.386	3	0.380	0.11	0.114	3400	5000	68200	66000	100200	97100	1.00	12.5	Prime Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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
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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,

Assistant Resistant Engineer
HA Consulting
Construction of NASTP Delta Phase-III, Lahore.

Reference # CED/TFL **6145** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # 24/HAC/NASTP/1457 Dated: 30-11-2024

Tension Test Report (Page – 1/1)

Date of Test 13-12-2024
Gauge length 2 inches
Description MS 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)	(mm^2)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	MS Plate	4	31.20x3.80	118.56	5000	6500	414	538	0.60	30.00	
2	MS Plate	5	31.10x4.95	153.95	7500	9300	478	593	0.90	45.00	
3	MS Plate	6	30.90x6.00	185.40	7500	10500	397	556	0.80	40.00	
4	MS Plate	8	31.30x7.90	247.27	9000	14300	357	567	0.70	35.00	
5	MS Plate	10	31.00x10.00	310.00	11000	17900	348	566	0.90	45.00	
6	MS Plate	12	31.10x11.00	342.10	16000	23900	459	685	0.90	45.00	
7	MS Plate	16	31.10x16.00	497.60	25000	34200	493	674	0.90	45.00	
8	MS Plate	20	31.00x19.40	601.40	19500	30600	318	499	0.70	35.00	
9	MS Plate	25	31.50x25.40	800.10	28600	44100	351	541	1.10	55.00	
Only Nine 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

STRUCTURAL ENGINEERING DIVISION

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

To,

Senior Project Manager,
Infrastructure Development Authoority of Punjab
Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Package-C.

Reference # CED/TFL **6147** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # PD(NSICTR)/PACKAGE-C/2024/20914 Dated: 09-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.362	3	0.368	0.11	0.106	3600	4900	72200	74600	98200	101600	0.90	11.3	Kamran Steel
2	0.361	3	0.367	0.11	0.106	3500	4800	70200	72750	96200	99800	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

#3 Bar Bend Test Through 180º 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,

PM
Quality Construction Company
41-D Nawab Town, Lahore.
(Royal Residencia Lahore.)

Reference # CED/TFL **6148** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # Nil Dated: 12-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.377	3	0.376	0.11	0.111	4800	5600	96200	95480	112300	111400	0.80	10.0	
2	0.373	3	0.374	0.11	0.110	4700	5500	94200	94440	110200	110600	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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,

XEN
Assistant Garrison Engineer (Army)
Pasrur Cantt
(Const of 1 x B Veh Shed at COD Pasrur Cantt.)

Reference # CED/TFL **6149** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # 6139/09/E-6 Dated: 12-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.384	3/8	0.379	0.11	0.113	4700	5500	94200	91740	110200	107400	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180º 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.
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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,

ARE
MM Pakistan (Pvt) Ltd.
Construction Storm Water Drainage in Daska City.

Reference # CED/TFL **6150** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # SDK/CON/1094/SW/219/2024 Dated: 11-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.410	3	0.392	0.11	0.121	3500	5200	70200	64000	104200	95100	1.10	13.8	
2	0.404	3	0.389	0.11	0.119	3500	5100	70200	64940	102200	94700	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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,

Senior Project Manager,
Infrastructure Development Authoority of Punjab
Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Package-A & D.

Reference # CED/TFL **6151** (Dr. M Rizwan Riaz) Dated: 12-12-2024
Reference of the request letter # SPM(NSICTR)/PACKAGE-A&D/2024/20947Dated: 11-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.363	3	0.369	0.11	0.107	3700	5100	74200	76420	102200	105400	1.20	15.0	Kamran Steel
2	0.365	3	0.369	0.11	0.107	3900	5200	78200	80190	104200	107000	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

#3 Bar Bend Test Through 180º 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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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,

Engineer's Representative
Metroplan – Asian Jv
Establishment of Jinnah Institute of Cardiology at Jinnah Hospital Lahore.

Reference # CED/TFL **6152** (Dr. Asad Ali) Dated: 13-12-2024
Reference of the request letter # Metroplan-Asian JV JIC-JHL-RE-314-2024Dated: 12-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
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	0.371	3	0.373	0.11	0.109	3920	4940	78600	79150	99000	99800	1.10	13.8	Kamran Steel
2	0.370	3	0.372	0.11	0.109	3640	4810	73000	73690	96400	97400	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

#3 Bar Bend Test Through 180º 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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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

Ref: CED/TFL/12/6154 Dated: 13-12-2024

Date of Test: 13-12-2024

To,

Deputy General Manager (Works)
Habib Engineering (Pvt.) Ltd.
101 Tower, Lahore.

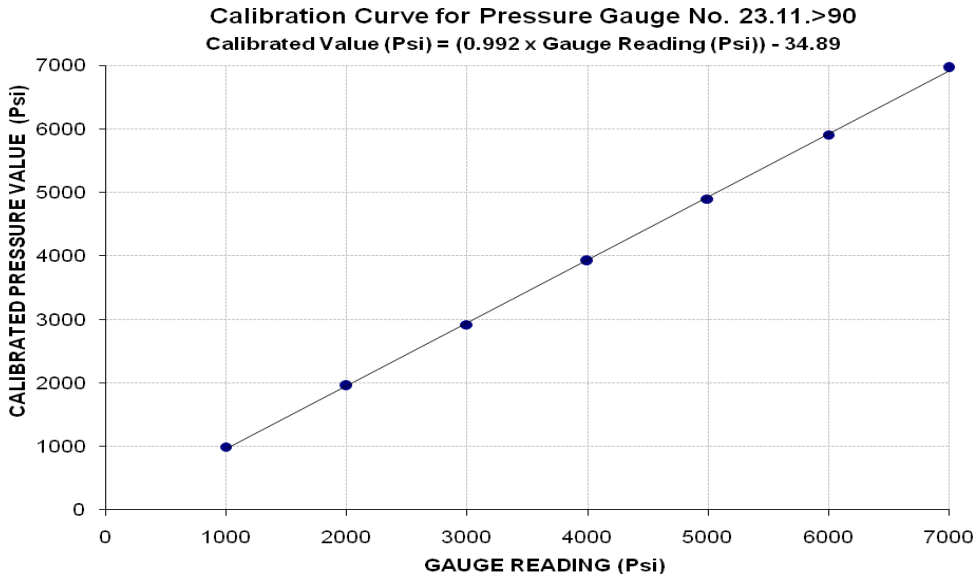
Subject: **- CALIBRATION OF PRESSURE GAUGE (MARK: TFL/12/6154)** (Page # 1/1)

Reference to your Letter No. HRLE/SKG/2024/SPT/180, Dated: 11/12/2024 on the subject cited above. One Pressure no. 23.11.>90 as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 14000 (Psi)
Calibrated Range : Zero - 7000 (Psi)

Pressure Gauge Reading (Psi)	**1000**	**2000**	**3000**	**4000**	**5000**	**6000**	**7000**
Calibrated Load (kg)	**13800**	**27200**	**40600**	**54600**	**68200**	**82200**	**96900**
Calibrated Pressure (Psi)	**991**	**1954**	**2916**	**3922**	**4899**	**5905**	**6961**

The Ram Area for Calibration = 198 cm^2



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,

Medical Superintendent
Hilal-e-Ahmar Hospital Faisalabad
("Nephrology Department" of Hilal-E-Ahmar Hospital, Faisalabad)

Reference # CED/TFL **6156** (Dr. M Rizwan Riaz) Dated: 13-12-2024
Reference of the request letter # Admin/114/HAHF Dated: 12-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-13-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.369	3/8	0.372	0.11	0.108	2800	4300	56200	56940	86200	87500	1.60	20.0	
2	0.375	3/8	0.375	0.11	0.110	2800	4300	56200	55970	86200	86000	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180º 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,

Manager Civil
Nishat Mills Limited
Dyeing & Finishing Plant, Lahore
"Construction of Corduroy Building & ETP Modification, Lahore."

Reference # CED/TFL **6157** (Dr. M Rizwan Riaz) Dated: 13-12-2024
Reference of the request letter # NDF/ST/002 Dated: 13-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-13-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.402	10	9.85	0.12	0.118	3600	5700	66138	67240	104719	106500	1.30	16.3	Markhor Steel
2	0.398	10	9.81	0.12	0.117	3400	5600	62464	64030	102881	105500	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

10mm Dia Bar Bend Test Through 180º 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,

M/S FF Steel Limited.
Peshawar

Reference # CED/TFL **6164** (Dr. Rizwan Riaz) Dated: 13-12-2024
Reference of the request letter # Nil Dated: 12-12-2024

Tension Test Report (Page -1/1)

Date of Test 13-12-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A706

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	0.376	3	0.375	0.11	0.111	3300	4900	66200	65730	98200	97600	1.40	17.5	FF Steel
2	0.374	3	0.374	0.11	0.110	3300	4800	66200	66160	96200	96300	1.30	16.3	
3	4.166	10	1.249	1.27	1.224	38000	53200	66000	68400	92400	95800	1.60	20.0	
4	4.165	10	1.249	1.27	1.224	37600	53000	65300	67690	92000	95500	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only four samples for tensile and two samples for bend test

Bend Test

#3 Bar Bend Test Through 180º is Satisfactory

#10 Bar Bend Test Through 180º 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