STRUCTURAL ENGINEERING DIVISION

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

To,

Sub Divisional Officer
Buildings Sub Division, Sambrial
Revamping Programe One at District Jail Sialkot (NRP) ADP No.3716 for the Year 2023-24

Reference # CED/TFL **6789** (Dr. Ali Ahmed) Dated: 08-04-2025
Reference of the request letter # 368/SMBL Dated: 03-12-2024

Tension Test Report (Page -1/2)

Date of Test 10-04-2025
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	0.375	3	0.375	0.11	0.110	3700	5000	74200	73900	100200	99900	1.00	12.5	FF Steel
2	0.375	3	0.374	0.11	0.110	3900	5100	78200	78080	102200	102100	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. **(FF Steel)**														

Test Performed and Verified by:

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,

Sub Divisional Officer
Buildings Sub Division, Sambrial
Revamping Programe One at District Jail Sialkot (NRP) ADP No.2661 for the Year 2024-25

Reference # CED/TFL **6789** (Dr. Ali Ahmed) Dated: 08-04-2025
Reference of the request letter # 117/SMBL Dated: 14-03-2025

Tension Test Report (Page -2/2)

Date of Test 10-04-2025
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	0.379	3	0.377	0.11	0.111	3800	5100	76200	75120	102200	100900	1.10	13.8	FF Steel
2	0.385	3	0.379	0.11	0.113	3600	5300	72200	70190	106200	103400	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. **(FF Steel)**														

Best Performed and Verified by:

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,

Muhammad Asif (CEO)
Mass Manufacturing & Engineering Services (Pvt.) Ltd.

Reference # CED/TFL **6796** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # 09042025/1 Dated: 09-04-2025

Tension Test Report (Page – 1/1)

Date of Test 10-04-2025
Description Steel Wire Rope (Sleeves) Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	
1	**18**	**-**	**20800**	**Rope Failure**
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only one sample for Test				

Test Performed and Verified by:

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,

Mr. Sameer Ahmad
Buildiko, Lahore
Construction of 421 G4 Johar Town, Lahore

Reference # CED/TFL **6793** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # Nil Dated: 09-04-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615 (SJ Steel)

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	0.373	3	0.373	0.11	0.110	3500	5200	70200	70440	104200	104700	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only One Sample for Tensile and One Sample for Bend Test														
Bend Test														
# 3 Bar Bend Test Through 180º is Satisfactory. **(SJ Steel)**														

Test Performed and Verified by:

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,

Head Construction Site
ABL-UML P-199&200.
Construction of ABL Upper Mall Lahore Plot No.199,200.

Reference # CED/TFL **6795** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # ABL-UML-AMC-QAQC-110 Dated: 08-04-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.372	3	0.373	0.11	0.109	3300	4600	66200	66500	92200	92700	1.20	15.0	FF Steel
2	0.377	3	0.376	0.11	0.111	3400	4600	68200	67550	92200	91400	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only Two Samples for Tensile and One Sample for Bend Test														
Bend Test														
# 3 Bar Bend Test Through 180º is Satisfactory. **(FF Steel)**														

Test Performed and Verified by:

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 Project Director
PMU-SBP, Sargodha.
Construction of Sports Complex in Tehsil Bhalwai Sargodha (GS No. 237)

Reference # CED/TFL **6797** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # APD/PMU/SBP/SGD/757-A Dated: 14-02-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.373	3	0.374	0.11	0.110	3400	4700	68200	68370	94200	94600	1.40	17.5	
2	0.374	3	0.374	0.11	0.110	3400	4700	68200	68190	94200	94300	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only Two Samples for Tensile and One Sample for Bend Test														
Bend Test														
# 3 Bar Bend Test Through 180º is Satisfactory.														

Test Performed and Verified by:

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,

Resident Engineer
JERS Consultancy Pvt. Ltd.
Kingri to Musa Khal Balochistan

Reference # CED/TFL **6798** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # 458-J04-RE/26 Dated: 23-01-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.413	3	0.393	0.11	0.121	-	6000	-	-	120300	109000	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only One Sample for Tensile Test														
Bend Test														

Test Performed and Verified by:

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,

Muhammad Sadaqat Corporation, Lahore

Reference # CED/TFL **6800** (Dr. Ali Ahmed) Dated: 09-04-2025
Reference of the request letter # MSC/PSCIRLAB/08/2025/UET Dated: 09-04-2025

Tension Test Report

Date of Test 10-04-2025
Description Steel Wire Rope Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	
1	**20 (6x36)**	**1.73**	**18600**	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only one sample for Test				

Test Performed and Verified by:

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,

Mohsin Abbas
QAQC Manager
Zameen Development
Construction of JADE Project by Zameen Development, Lahore Pakistan

Reference # CED/TFL **6801** (Dr. M. Rizwan Riaz) Dated: 10-04-2025
Reference of the request letter # ZD/QAQC/SS-2503-000167/JADE/09 Dated: 09-04-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.372	0.11	0.109	2900	4700	58200	58690	94200	95200	1.20	15.0	Heat # SS-109
2	0.373	3	0.373	0.11	0.110	3000	4800	60200	60380	96200	96600	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only Two Samples for Tensile and One Sample for Bend Test														
Bend Test														
# 3 Bar Bend Test Through 180º is Satisfactory. **(Heat # SS-109)**														

Test Performed and Verified by:

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,

Mohsin Abbas
QAQC Manager
Zameen Development
Construction of JADE Project by Zameen Development, Lahore Pakistan

Reference # CED/TFL **6802** (Dr. M. Rizwan Riaz) Dated: 10-04-2025
Reference of the request letter # ZD/QAQC/KS-DC013375/JADE/10 Dated: 09-04-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.359	3	0.367	0.11	0.106	3400	4600	68200	71010	92200	96100	1.10	13.8	Heat # AP-26
2	0.364	3	0.369	0.11	0.107	3500	4600	70200	72010	92200	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. **(Heat # AP-26)**

Test Performed and Verified by:

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,

Mohsin Abbas
QAQC Manager
Zameen Development
Construction of Phoenix Project by Zameen Development, Lahore Pakistan

Reference # CED/TFL **6803** (Dr. M. Rizwan Riaz) Dated: 10-04-2025
Reference of the request letter # ZD/QAQC/KS-013376/Phoenix/14 Dated: 09-04-2025

Tension Test Report (Page -1/1)

Date of Test 10-04-2025
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	0.366	3	0.370	0.11	0.108	3500	4800	70200	71720	96200	98400	1.10	13.8	Heat # KS-133
2	0.365	3	0.370	0.11	0.107	3300	4700	66200	67790	94200	96600	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: Only Two Samples for Tensile and One Sample for Bend Test														
Bend Test														
# 3 Bar Bend Test Through 180º is Satisfactory. **(Heat # KS-133)**														

Test Performed and Verified by:

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