



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

To,
 Amna Iftikhar
 100-B-III
 Gulberg III Lahore.

Reference # CED/TFL **6498** (Dr. M Kashif)
 Reference of the request letter # ST/GF/4657/02/25

Dated: 07-02-2025
 Dated: 06-02-2025

Tension Test Report (Page -1/1)

Date of Test 10-02-2025
 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	0.381	3	0.377	0.11	0.112	3400	5000	68200	66990	100200	98600	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample 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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To,

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

Reference # CED/TFL **6499** (Dr. M Kashif)

Dated: 07-02-2025

Reference of the request letter # ABL-UML-AMC-QAQC-106

Dated: 07-02-2025

Tension Test Report (Page -1/1)

Date of Test 10-02-2025

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	0.369	3	0.372	0.11	0.108	3600	4900	72200	73150	98200	99600	1.30	16.3	FF Steel
2	0.376	3	0.375	0.11	0.110	3700	4900	74200	73860	98200	97900	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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To,

M/S Safaa Engineering Services (Pvt) Ltd.
Islamabad
(Jazz Solar Project, Site ID: RUR0478, RUR1136, RUR9172, RUR9174, BLH8801)

Reference # CED/TFL **6500**(Dr. M Kashif)
Reference of the request letter # Nil

Dated: 07-02-2025
Dated: 02-01-2025

Tension Test Report (Page -1/1)

Date of Test 10-02-2025
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.378	3/8	0.376	0.11	0.111	3400	5100	68200	67490	102200	101300	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,

M/S Safaa Engineering Services (Pvt) Ltd.
Islamabad
(Huawei-CMPak Solar Expansion Project, Site ID: 5759, 6203, 51112, 51336, 51906,
51830, 4478, 6489)

Reference # CED/TFL **6501**(Dr. M Kashif)
Reference of the request letter # Nil

Dated: 07-02-2025
Dated: 30-11-2024

Tension Test Report (Page -1/1)

Date of Test 10-02-2025
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.372	3/8	0.373	0.11	0.109	3300	5000	66200	66500	100200	100800	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile test														
Bend Test														

I/C Testing Laboratoires
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To,

M/S S.A Hassan & Co
Government Contractor
Mohallah Shah Jamal, Ghakhar Mandi Gujrawala
Testing of Steel to be used in Reinforced Cement Concrete CA No. CEA/CZ-24/2025-
Const of 1xB Type House, HQ 1 ALRG at Gwa Cantt.

Reference # CED/TFL **6503** (Dr. M Kashif)
Reference of the request letter # 6180-2841/23/E-6

Dated: 10-02-2025
Dated: 07-02-2025

Tension Test Report (Page -1/1)

Date of Test 10-02-2025
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.393	3/8	0.384	0.11	0.116	3300	5100	66200	62930	102200	97300	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
3/8 Bar Bend Test Through 180° is Satisfactory														

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