



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

To,

Project Director
Overseas Construction Co. (Pvt) Ltd
Gulberg City Centre, Lahore

Reference # CED/TFL **4587** (Dr. M Kashif)
Reference of the request letter # OCC/Steel/Weld/11

Dated: 31-01-2024
Dated: 29-01-2024

Weld Test Report (Page – 1/1)

Date of Test 02-02-2024
Gauge length -----
Description Deformed Steel Bar Weld Load Test
(AF Steel)

Sr. No.	Diameter	Breaking Load	Remarks
	(#)	(kg)	
1	10	58000	Steel Bar Break Weld is ok
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only One Sample for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

Note:

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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



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To,
M/S Rana Associates
Lahore

Reference # CED/TFL 4599 (Dr. Rizwan Azan)
Reference of the request letter # Nil

Dated: 01-02-2024
Dated: 01-02-2024

Tension Test Report (Page -1/1)

Date of Test 01-02-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.373	3/8	0.374	0.11	0.110	3540	5050	71000	71160	101200	101600	1.20	15.0	
2	0.373	3/8	0.374	0.11	0.110	3590	5120	72000	72160	102600	103000	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,

Resident Engineer
Jers Consultancy (Pvt) Ltd.
Punjab Rural Sustainable Water Supply & Sanitation Project
(PRSWSSP) Pilot Phase Cluster South II Tehsil Ali Pur.

Reference # CED/TFL **4600** (Dr. M Kashif)
Reference of the request letter # 490-jo2-CO-

Dated: 01-02-2024
Dated: 18-01-2024

Tension Test Report (Page -1/1)

Date of Test 02-02-2024
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	0.376	3	0.375	0.11	0.111	3100	4500	62200	61750	90200	89700	1.30	16.3	Farooq Supreme
2	0.374	3	0.374	0.11	0.110	3100	4600	62200	62130	92200	92200	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.

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To,

M/S Ibna Al Aziz Construction Company.
 Lahore
 (Project: Sapphire Residence 84-Arif Jan Road can't Lahore.)

Reference # CED/TFL **4601** (Dr. M Kashif)
 Reference of the request letter # IAA-200108

Dated: 01-02-2024
 Dated: 01-02-2024

Tension Test Report (Page -1/1)

Date of Test 02-02-2024
 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	0.380	3/8	0.377	0.11	0.112	4300	5200	86200	84910	104200	102700	1.00	12.5	Afco Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one samples for tensile and one sample for bend test														
Bend Test														
3/8" Dia Bar Bend Test Through 180° is Satisfactory														

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To,

XEN
GE (Army)-II LRC
(CEA/CZ-20/2024 “Const of 8 x Sldrs Flats (G+3), HQ 212 IIBG at Lhr Cantt”

Reference # CED/TFL **4602** (Dr. M Kashif)
Reference of the request letter # 6003/64/E6

Dated: 01-02-2024
Dated: 30-01-2024

Tension Test Report (Page -1/1)

Date of Test 02-02-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.380	3/8	0.377	0.11	0.112	2700	3700	54100	53250	74200	73000	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile test														
Bend Test														

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To,
M/S Heavens Way Zipline Adventure (Pvt) Ltd
Islamabad

Reference # CED/TFL **4604** (Dr. M Kashif)
Reference of the request letter # Nil

Dated: 02-02-2024
Dated: 02-02-2024

Tension Test Report (Page – 1/1)

Date of Test 02-02-2024
Description Cable Wire (Rope) Tensile Test

Sr. No.	Nominal Diameter	Measured weight	Breaking Load	Remarks / Coil No.
	(mm)	(kg/m)	(kg)	
1	12	0.48	6700	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only one sample for Test				

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