



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

To,
M.E
AS Enterprises
Style Textile Manga / Style Textile Rewind
(AA Associates)(Agha Steel))

Reference # CED/TFL **35198** (Dr. Usman Akmal)
Reference of the request letter # USD/ASE/23

Dated: 11-08-2020
Dated: 11-08-2020

Tension Test Report (Page -1/1)

Date of Test 13-08-2020
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	Remarks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.413	10	9.99	0.12	0.121	4100	5300	75324	74450	97370	96300	1.00	12.5	
2	0.411	10	9.96	0.12	0.121	4200	5300	77161	76720	97370	96900	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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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- 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 - I
 NESPAK
 Construction Underpass at Firdous Market, Lahore

Reference # CED/TFL **35200** (Dr. Usman Akmal)
 Reference of the request letter # 3772/FMU/103/MWA/04/156

Dated: 11-08-2020
 Dated: 29-07-2020

Tension Test Report (Page -1/1)

Date of Test 13-07-2020
 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	4.285	10	1.266	1.27	1.260	41000	56200	71200	71750	97600	98400	1.60	20.0	Mughal Steel
2	4.275	10	1.265	1.27	1.257	41000	56000	71200	71920	97200	98300	1.70	21.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#10 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Riaz Construction Company
Lahore
(TCF Primary School, Towant Heako, Narowal)

Reference # CED/TFL **35201** (Dr. Usman Akmal)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 11-08-2020

Tension Test Report (Page -1/1)

Date of Test 13-07-2020
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	0.365	3	0.370	0.11	0.107	3100	4700	62200	63620	94200	96500	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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Test Floor Laboratory
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To,
M/S Best Builders
Lahore
(TCF High School, Khanewal, Chak 42)

Reference # CED/TFL **35202** (Dr. Usman Akmal)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 11-08-2020

Tension Test Report (Page -1/1)

Date of Test 13-07-2020
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	0.366	3	0.370	0.11	0.108	3200	4700	64200	65510	94200	96300	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.

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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 Director
PMU
KITE
Installation of Reflective Signboards for Archeology Department

Reference # CED/TFL **35203** (Dr. Waseem Abbass)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 29-07-2020

Size Test Report (Page – 1/4)
Date of Test 13-08-2020
Description Galvanized Iron Pipe Size Test

Sr. No.	Designation	External Diameter	Internal Diameter	Thickness	Remark
1	4" dia 12 SWG	112.00	106.70	2.65	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Only One Sample for Test					

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
Pakistan. Ph: 92-42-99029202

To,
Project Director
PMU
KITE
Installation of Reflective Signboards for Archeology Department

Reference # CED/TFL **35203** (Dr. Waseem Abbass)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 29-07-2020

Size Test Report (Page -2/4)
Date of Test 13-08-2020
Description Galvanized Iron Sheet Size Test

Sr. No.	Designation	Thickness	Remark
	(SWG)	(mm)	
1	14	2.05	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Only One Sample for Test			

I/C Testing Laboratories
UET Lahore, Pakistan.

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To,
Project Director
PMU
KITE
Installation of Reflective Signboards for Archeology Department

Reference # CED/TFL **35203** (Dr. Waseem Abbass)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 29-07-2020

Size Test Report (Page – 3/4)
Date of Test 13-08-2020
Description Frame Pipe Size Test

Sr. No.	Designation	Outer Dimension		Thickness	Remark
		X ₁	X ₂		
		(mm)	(mm)		
1	2" x 2" x 16 SWG	46.40	45.50	1.65	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
Only One Sample for Test					

I/C Testing Laboratories
UET Lahore, Pakistan.

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To,
Project Director
PMU
KITE
Installation of Reflective Signboards for Archeology Department

Reference # CED/TFL **35203** (Dr. Waseem Abbass)
Reference of the request letter # Nil

Dated: 11-08-2020
Dated: 29-07-2020

Size Test Report (Page – 4/4)
Date of Test 13-08-2020
Description Clamp Size Test

Sr. No.	Designation	Width	Thickness	Remark
1	1.5" x 2mm	48.80	2.70	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only One Sample for Test				

I/C Testing Laboratories
UET Lahore, Pakistan.

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To,
M/S M. Yousaf & Company
Lahore
(Construction of TCF Secondary School Malloki, Kasur.)

Reference # CED/TFL **35204** (Dr. Usman Akmal)
Reference of the request letter # M.Y/UET/2020-07

Dated: 11-08-2019
Dated: 11-08-2019

Tension Test Report (Page -1/1)

Date of Test 13-08-2020

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	0.407	3/8	0.390	0.11	0.120	4000	6200	80200	73780	124300	114400	1.00	12.5	
2	0.388	3/8	0.381	0.11	0.114	3100	4900	62200	59940	98200	94800	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: 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,
 Resident Engineer
 Dar Engineering
 Punjab Agriculture Food and Durg Authority's Science Enclave, Lahore Pakistan
 (Heat No. P-156 - Kamran Steel)

Reference # CED/TFL **35205** (Dr. Usman Akmal) Dated: 12-08-2019
 Reference of the request letter # DB-78/DAR/RE/ME/2020/0224 Dated: 29-07-2019

Tension Test Report (Page -1/1)

Date of Test 13-08-2020
 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	0.363	3	0.369	0.11	0.107	3300	4600	66200	68170	92200	95100	1.20	15.0	
2	0.361	3	0.367	0.11	0.106	3200	4600	64200	66550	92200	95700	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

Ref: CED/TFL/08/35206

Dated: 12-08-2020

Dated of Test: 13-08-2020

To

M/S Unze Trading (Pvt) Limited

Lahore

**(WAPDA PC Pole Plant for Manufacturing & Providing of Pre-Stressed Cement Concrete Spun
Hallow LT & HT Poles)**

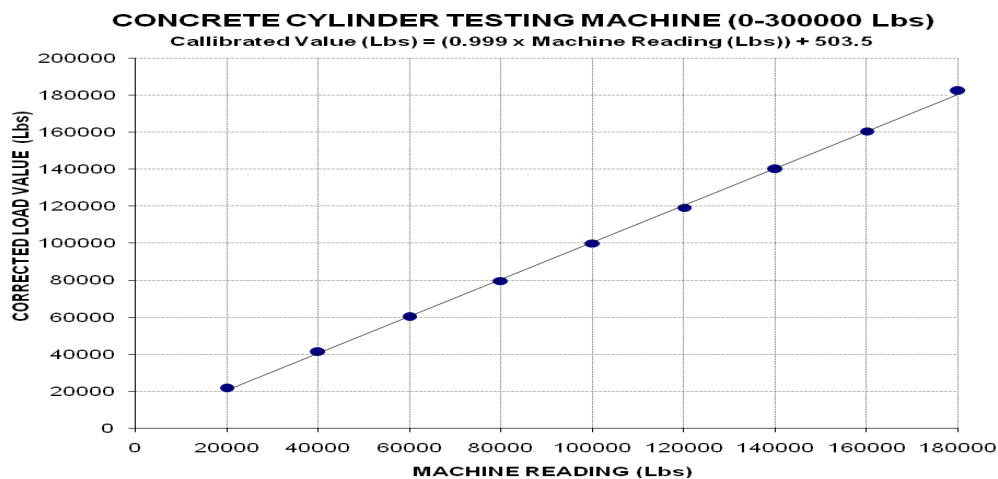
Subject:- CALIBRATION OF CONCRETE CYLINDER TESTING MACHINE OF 300000
Lbs (MARK: CED/TFL/08/35206)

Reference to your letter No. UNZE/45/2020, dated: 11/08/2020 on the subject cited above. One Concrete Cylinder Testing Machine has been calibrated by using standard calibration device. The results are tabulated as under:

Total Range : Zero - 300000 (Lbs)

Calibrated Rang : Zero - 180000 (Lbs)

Machine Reading (Lbs)	20000	40000	60000	80000	100000	120000	140000	160000	180000
Corrected Load Value (Lbs)	21577	41193	60145	79630	99890	119184	140000	160423	182263



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,
 Civil Engineer
 Bakhtawar Amin Memorial Trust Hospital
 Bakhtawar Amin Medical & Dental College
 Constructing New Ward Block

Reference # CED/TFL **35207** (Dr. Usman Akmal)
 Reference of the request letter # Nil

Dated: 12-08-2019
 Dated: 12-08-2019

Tension Test Report (Page -1/1)

Date of Test 13-08-2020

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	0.373	3/8	0.373	0.11	0.109	4000	5100	80200	80520	102200	102700	1.00	12.5	
2	0.372	3/8	0.373	0.11	0.109	3900	5000	78200	78630	100200	100900	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

Note:

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Ref: CED/TFL/08/35211

Dated: 12-08-2020

Dated of Test: 13-08-2020

To
Sub Divisional Officer
R/O Drainage Sub Division
Sheikhupura
(Rehabilitation of Old Deg Nullah from DDC to QB Link Canal RD 0+000 to 103+000)

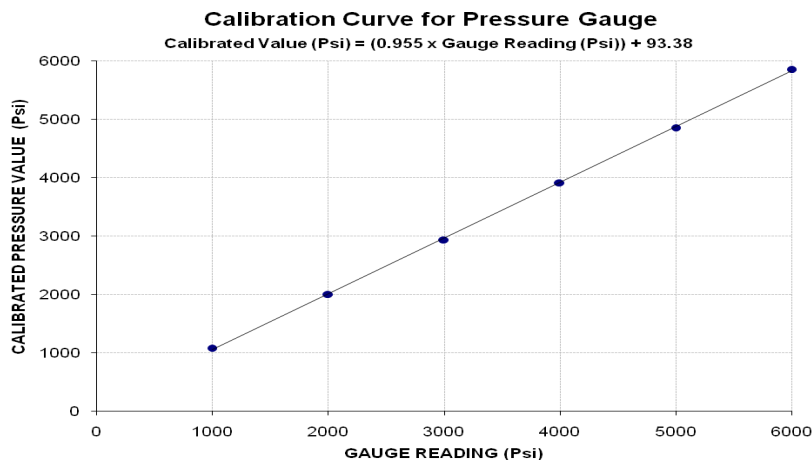
Subject: - CALIBRATION OF PRESSURE GAUGE (MARK: TFL/08/35211) (Page # 1/1)

Reference to your Letter No. 468/2W, Dated: 12/08/2020 on the subject cited above. One Pressure Gauge as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 10000 (Psi)
Calibrated Range : Zero - 6000 (Psi)

Pressure Gauge Reading (Psi)	1000	2000	3000	4000	5000	6000
Calibrated Load (kg)	15000	27800	40800	54400	67600	81500
Calibrated Pressure (Psi)	1077.50	1996.97	2930.80	3907.73	4855.93	5854.42

The Ram Area use for Calibration = 198 cm²



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To,
M/S Defence Housing Authority.
Lahore Cantt
(Proposed Commercial Plaza, DRGCC Ph-III, DHA Ph-VI (M/s Construct))

Reference # CED/TFL **35214** (Dr. Safer Abbas)
Reference of the request letter # 408/241/E/Lab/959/5658

Dated: 13-08-2020
Dated: 13-08-2020

Tension Test Report (Page -1/1)

Date of Test 13-08-2020
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	3400	4600	68200	68720	92200	93000	1.30	16.3	Kamran Steel
2	0.372	3	0.373	0.11	0.109	3400	4600	68200	68580	92200	92800	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:

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