



**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/11/35671

Dated: 24-11-2020

Dated of Test: 28-12-2020

To  
**Resident Engineer**  
**NESPAK - Zeeruk (Jv)**  
**China - Pakistan Economic Corridor (CPEC), Western Route, Construction of Hakla**  
**(on M-1) to D.I Khan Motorway - Rehmani Khel to Kot Balian-Package-2B**

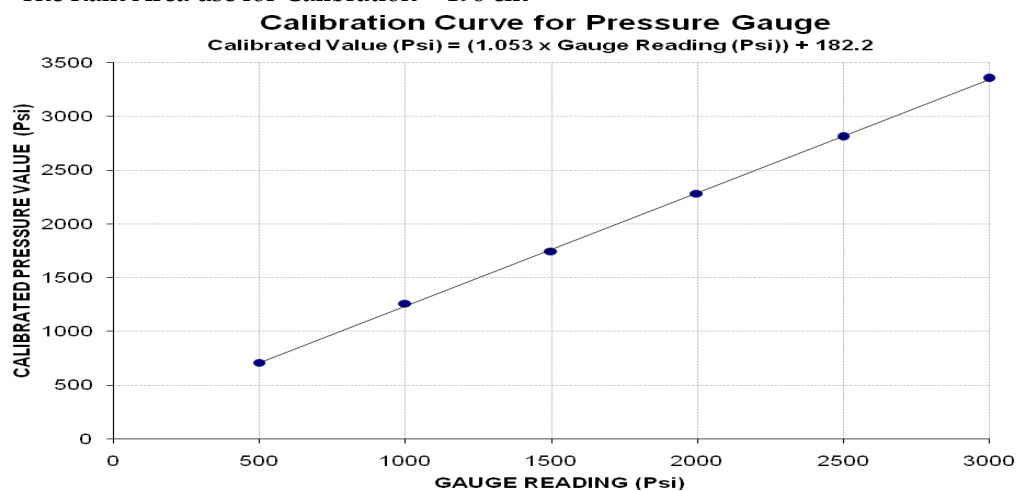
Subject: - **CALIBRATION OF PRESSURE GAUGE (MARK: TFL/11/35671)** (Page # 1/1)

Reference to your Letter No. RE/NESPAK/P-2B/CPEC-WR/1423, Dated: 12/11/2020 on the subject cited above. One Pressure Gauge (WIKA) as received by us has been calibrated. The results are tabulated as under:

**Total Range : Zero - 5800 (Psi)**  
**Calibrated Range : Zero - 3000 (Psi)**

Pressure Gauge Reading (Psi)	500	1000	1500	2000	2500	3000
Calibrated Load (kg)	9850	17500	24250	31750	39100	46700
Calibrated Pressure (Psi)	708	1257	1742	2281	2809	3355

The Ram Area use for Calibration = 198 cm<sup>2</sup>



**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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**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

Reference # CED/TFL **35769** (Dr. Qasim Khan) Dated: 15-12-2020  
 Reference of the request letter # DB-78/DAR/RE/ME/2020/0250 Dated: 15-12-2020

**Tension Test Report** (Page – 1/2)

Date of Test 28-12-2020  
 Gauge length 2 inches  
 Description MS Steel Pipe Steel Strip Tensile Test as per ASTM A36

Sr. No.	Designation		Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	MS Steel Pipe	1"x2"x3mm	21.90x3.00	65.70	2480	3200	370.30	477.81	0.50	25.00	
2			21.90x3.00	65.70	2440	3160	364.33	471.84	0.50	25.00	
3	MS Steel Pipe	1"x2"x3mm	21.90x3.00	65.70	2440	3200	364.33	477.81	0.50	25.00	
4			21.90x3.00	65.70	2400	3120	358.36	465.86	0.50	25.00	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
<b>Only Four Samples for Tensile Test</b>											
<b>Bend Test</b>											

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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- 1- You can See your reports On Internet in the following web site  
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**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

Reference # CED/TFL **35769** (Dr. Qasim Khan) Dated: 15-12-2020  
 Reference of the request letter # DB-78/DAR/RE/ME/2020/0249 Dated: 14-12-2020

**Tension Test Report** (Page – 2/2)

Date of Test 28-12-2020  
 Gauge length 2 inches  
 Description MS Steel Pipe Steel Strip Tensile Test as per ASTM A36

Sr. No.	Designation		Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	MS Steel Pipe	1.5"x1.5"x3mm	18.10x3.20	57.92	2200	2800	372.62	474.24	0.50	25.00	
2			18.10x3.20	57.92	2100	2840	355.68	481.02	0.50	25.00	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
<b>Only Two Samples for Tensile Test</b>											
<b>Bend Test</b>											

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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

To,  
Resident Engineer - I  
MM Pakistan (Pvt) Ltd  
Disaster and Climate Resilience Improvement Project (DCRIP) – Enhancing Resilience against  
Sub-Surface Flow/Seepage underneath Nawabpur Flood Bund RD 4+000 to 17+950.

Reference # CED/TFL **35780** (Dr. Qasim Khan)  
Reference of the request letter # DCRIP/RE/PMIC/-096

Dated: 17-12-2020  
Dated: 10-12-2020

**Tension Test Report** (Page – 1/1)  
Date of Test 28-12-2020  
Gauge length 2 inches  
Description Steel Sheet Steel Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	Steel Sheet	19.90x6.20	123.38	5700	7300	453.21	580.43	0.50	25.00	
2		20.00x6.20	124.00	5600	7100	443.03	561.70	0.60	30.00	
3	Steel Sheet	20.00x6.30	126.00	5800	7300	451.57	568.36	0.60	30.00	
4		20.10x6.30	126.63	6000	7500	464.82	581.02	0.50	25.00	
5	Steel Sheet	20.00x6.35	127.00	6200	7300	478.91	563.88	0.50	25.00	
6		20.20x6.35	128.27	6200	7200	474.17	550.65	0.50	25.00	
<b>Only Six Samples for Tensile Test</b>										
<b>Bend Test</b>										

**I/C Testing Laboratories**  
**UET Lahore, Pakistan.**

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**University of Engineering and Technology Lahore, 54890**  
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To,  
 Resident Engineer  
 NESPAK  
 Development of Infrastructure in LDA City, Lahore (Package-1, 4 & 6 of Jinnah Sector)

Reference # CED/TFL **35805** (Dr.Qasim Khan)  
 Reference of the request letter # 4047/13/MA/09/17

Dated: 22-12-2020  
 Dated: 21-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
 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 <sup>2</sup> )		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	4.394	10	1.282	1.27	1.291	49200	60400	85400	83970	104900	103100	1.10	13.8	Mughal Steel
2	4.202	10	1.254	1.27	1.235	41400	56400	71900	73890	97900	100700	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#10 Bar Bend Test Through 180° is Satisfactory														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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

To,  
 Principal Architect  
 Z.H. Kazmi & Associates  
 Expansion Works at Allied Bank Limited Warehouse 18-Hazari Jhang

Reference # CED/TFL **35812** (Dr.Qasim Khan)  
 Reference of the request letter # Nil

Dated: 23-12-2020  
 Dated: 23-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
 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 <sup>2</sup> )		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	0.369	3	0.372	0.11	0.108	3400	5200	68200	69130	104200	105800	1.40	17.5	
2	0.371	3	0.373	0.11	0.109	3500	5300	70200	70720	106200	107100	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
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**  
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**University of Engineering and Technology Lahore, 54890**  
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To,  
 Sub Divisional Officer  
 Public Health Engg: Sub Division  
 Shorkot  
 (Comprehensive Sewerage / Drainage Scheme Ahmed Pur Sial, (Urban) District Jhang)

Reference # CED/TFL **35814** (Dr. Qasim Khan)  
 Reference of the request letter# 171

Dated: 23-12-2020  
 Dated: 26-10-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
 Gauge length 8 inches  
 Description Plain Steel Bar Tensile Test

Sr. No.	Weight (lbs/ft)	Diameter/ Size (inch)		Area (in <sup>2</sup> )		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	0.105	3/16	0.198	-----	0.031	1000	1120	-----	71680	-----	80300	1.00	12.5	
2	0.105	3/6	0.198	-----	0.031	1000	1120	-----	71510	-----	80100	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile test</b>														
Bend Test														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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

To,  
Sub Divisional Officer  
Highway Sub Division No. 1  
Rawalpindi  
(Rehabilitation / Improvement of Road from Chak Jalal Din to Girja Road upto Akbar Chowk  
Length = 4.00 km Tehsil & District Rawalpindi)  
Reference # CED/TFL **35815** (Dr. Qasim Khan) Dated: 24-12-2020  
Reference of the request letter # 920 H-1 Dated: 10-12-2020

**Tension Test Report** (Page – 1/2)

Date of Test 28-12-2020  
Gauge length 640 mm  
Description Steel Strand Tensile Test as per ASTM A-416-94a

Sr. No.	Nominal Diameter	Nominal Weight	Measured weight	Yield strength clause (6.3)		Breaking strength clause (6.2)		Young's Modulus of Elasticity "E"	% Elongation	Remarks / Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)	GPa		
1	12.70 (1/2")	775.0	788.0	18100	177.56	19900	195.22	198	>3.50	xx
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
<b>Only one sample for Test</b>										

Note:

1. Modulus of Elasticity is based on nominal steel area of the steel strand vide clause 13.3 of ASTM – A416a
2. Load versus percentage strain graphs are attached

**I/C Testing Laboratoires**  
**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**

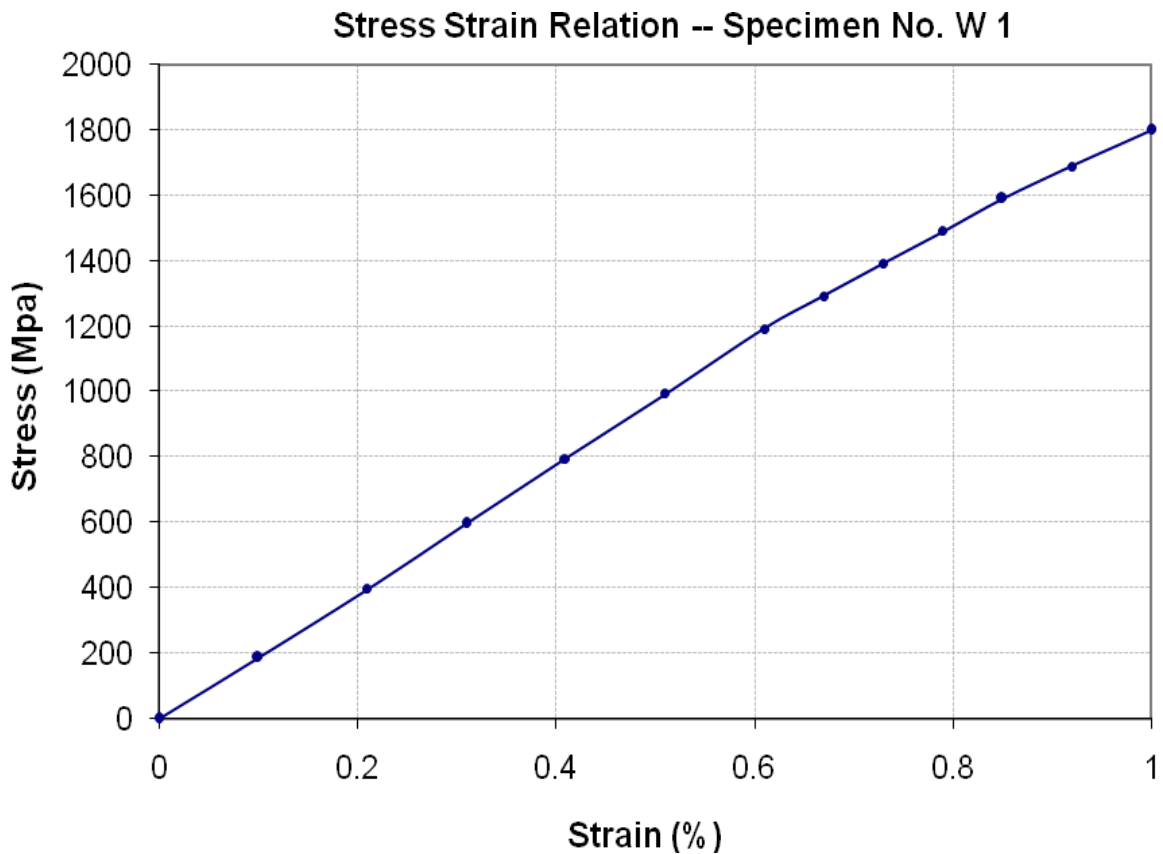
To,  
Sub Divisional Officer  
Highway Sub Division No. 1  
Rawalpindi  
(Rehabilitation / Improvement of Road from Chak Jalal Din to Girja Road upto Akbar Chowk  
Length = 4.00 km Tehsil & District Rawalpindi)

Reference # CED/TFL **35815** (Dr. Qasim Khan)  
Reference of the request letter # 920 H-1

Dated: 24-12-2020

Dated: 10-12-2020

**Graph** (Page – 2/2)



**I/C Testing Laboratories**  
**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,  
 GM  
 Professional Construction Services (Pvt) Ltd  
 ABL DHA Phase-8C Ex Park View Lahore

Reference # CED/TFL **35816** (Dr. Qasim Khan)  
 Reference of the request letter# PCS/2020/Eng-103

Dated: 24-12-2020  
 Dated: 23-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
 Gauge length 8 inches  
 Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ Size		Area (in <sup>2</sup> )		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	0.110	4200	5400	84200	83810	108200	107800	1.00	12.5	
2	0.376	3	0.375	0.11	0.110	3800	5000	76200	75830	100200	99800	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile test</b>														
Bend Test														

**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 Engineer  
 Sky High Builder's  
 Izmir Society Lahore  
 Izmir Executive Shopping Mall & Apartments

Reference # CED/TFL **35817** (Dr.Qasim Khan)  
 Reference of the request letter # IZMIR/001

Dated: 24-12-2020  
 Dated: 24-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
 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 <sup>2</sup> )		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	4300	5200	86200	85690	104200	103700	0.80	10.0	Afco Steel
2	0.376	3	0.375	0.11	0.111	3800	4900	76200	75750	98200	97700	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only two samples for tensile and one sample for bend test</b>														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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

To,  
M/S Imperium Hospitality (Pvt) Limited  
Gulberg II, Lahore

Reference # CED/TFL **35818** (Dr.Qasim Khan)  
Reference of the request letter # IHPL/Steel/023

Dated: 24-12-2020  
Dated: 22-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
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 <sup>2</sup> )		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	4.111	10	1.240	1.27	1.208	40600	54000	70500	74060	93800	98600	1.60	20.0	PCS Steel
2	4.143	10	1.245	1.27	1.218	39800	54000	69100	72040	93800	97800	1.50	18.8	
3	4.133	10	1.244	1.27	1.215	41000	54000	71200	74380	93800	98000	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only three samples for tensile and one sample for bend test</b>														
Bend Test														
#10 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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- 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 Imperium Hospitality (Pvt) Limited  
Gulberg II, Lahore

Reference # CED/TFL **35819** (Dr.Qasim Khan)  
Reference of the request letter # IHPL/Steel/020

Dated: 24-12-2020  
Dated: 22-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
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 <sup>2</sup> )		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	0.352	3	0.363	0.11	0.104	3600	4700	72200	76590	94200	100000	1.30	16.3	PCS Steel New
2	0.372	3	0.373	0.11	0.109	3500	4600	70200	70600	92200	92800	1.10	13.8	
3	0.408	3	0.391	0.11	0.120	4600	5400	92200	84460	108200	99200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only three samples for tensile and one sample for bend test</b>														
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,  
M/S Imperium Hospitality (Pvt) Limited  
Gulberg II, Lahore

Reference # CED/TFL **35820** (Dr.Qasim Khan)  
Reference of the request letter # IHPL/Steel/018

Dated: 24-12-2020  
Dated: 22-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
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 <sup>2</sup> )		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	0.393	3	0.383	0.11	0.115	3900	5200	78200	74430	104200	99300	0.90	11.3	PCS Steel Old
2	0.372	3	0.373	0.11	0.109	3800	5000	76200	76650	100200	100900	1.20	15.0	
3	0.373	3	0.374	0.11	0.110	4100	5100	82200	82360	102200	102500	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only three samples for tensile and one sample for bend test</b>														
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,  
M/S Ittefaq Building Solutions Pvt Ltd.  
Lahore  
(Project: McDonalds Restaurant DHA Rehbar)

Reference # CED/TFL **35823** (Dr.Qasim Khan)  
Reference of the request letter # IBS/MSRehbar/ST01

Dated: 28-12-2020  
Dated: 28-12-2020

**Tension Test Report** (Page -1/1)

Date of Test 28-12-2020  
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 <sup>2</sup> )		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	0.377	10	9.54	0.12	0.111	3300	4950	60627	65700	90940	98600	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Note: only one sample for tensile and one sample for bend test</b>														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

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