



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

To,
 Deputy CRE
 Zeeruk International (Pvt) Ltd
 Lahore Sialkot Motorway Project

Reference # CED/TFL **34637** (Dr. Usman Akmal)
 Reference of the request letter # LSM/DCRE/2020/1448

Dated: 07-02-2020
 Dated: 07-02-2020

Tension Test Report (Page – 1/1)

Date of Test 14-02-2020
 Gauge length 2 inches
 Description W-Beam Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
1	W-Beam	2.10x0.275	0.58	2300	2900	3983	5022	0.60	30.00	
2		2.10x0.275	0.58	2400	2900	4156	5022	0.60	30.00	
.
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.
.
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,
Chief Operations
Civil Projects
Concrete Commitments Private Limited

Reference # CED/TFL **34650** (Dr. Usmal Akmal)
Reference of the request letter # Admin/064-20/02

Dated: 11-02-2020
Dated: 11-02-2020

Tension Test Report (Page – 1/2)

Date of Test 14-02-2020
Gauge length -----
Description Mesh Wire & Tension Wire Tensile Test

Sr. No.	Diameter of Single Wire	Breaking Load		Remarks
	(mm)	(kg)	(kN)	
1	3.60	480	4.71	Mesh Wire
2	3.10	560	5.49	Tension Wire
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
Only Two Samples for Test				

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To,
Chief Operations
Civil Projects
Concrete Commitments Private Limited

Reference # CED/TFL **34650** (Dr. Usmal Akmal)
Reference of the request letter # Admin/064-20/02

Dated: 11-02-2020
Dated: 11-02-2020

Tension Test Report (Page – 2/2)

Date of Test 1402-2020
Gauge length 2 inches
Description Plate Strip Tensile Test

Sr. No.	Designation	Size of Strip	X Section Area	Yield load	Breaking Load	Yield Stress	Ultimate Stress	Elongation	% Elongation	Remarks
	----	(mm)	(mm ²)	(kg)	(kg)	(MPa)	(MPa)	(in)		
1	Plate	18.20x5.00	91.00	3000	4150	323.41	447.38	0.60	30.00	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	
Only One Sample for Tensile Test										
Bend Test										

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

Ref: CED/TFL/02/34665

Dated: 12-02-2020

Dated of Test: 14-02-2020

To,
Resident Engineer
NESPAK Attock

Construction of High Level Bridge over Sill Nullah on Road fromm Khaur to Nakka via Raterian Tehsil Pindigheb District Attock

Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/02/33375) (Page -1/2)

Reference to your Letter No. 3126/RE/ADP/SUJ/03/23, Dated: 12/02/2020 on the subject cited above. One Hydraulic Jack (Jack No 310, Gauge No. AES-310) as received by us has been calibrated. The results are tabulated as under:

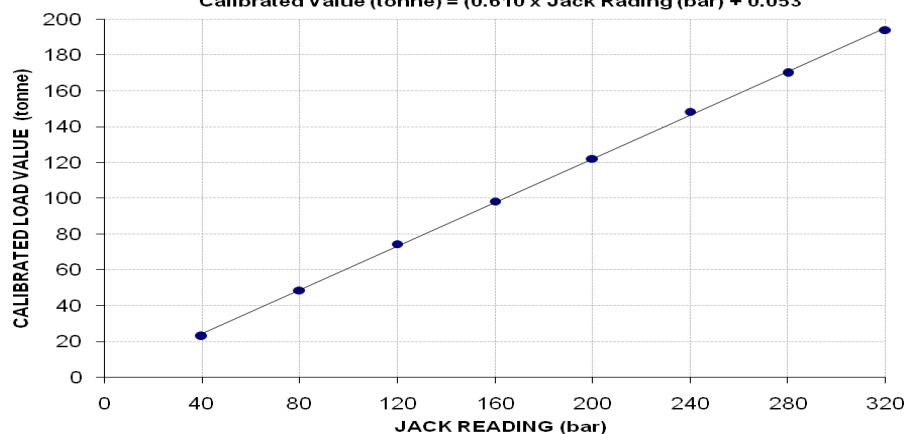
Total Range : Zero - 700 (bar)
Calibrated Range : Zero - 320 (bar)

Hydraulic Jack Reading (bar)	40	80	120	160	200	240	280	320	
Calibrated Load	(kg)	23000	48700	74400	98400	122200	148400	170000	194200
	Tonne	23.00	48.70	74.40	98.40	122.20	148.40	170.00	194.20
Calibrated Pressure (bar)	39	83	127	168	209	254	290	332	

1 Tonne = 1000 kg, The Ram Area of Jack = 574.8 cm²

Calibration Curve For Jack No. AES 310

Calibrated Value (tonne) = (0.610 × Jack Reading (bar) + 0.053)



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

Ref: CED/TFL/02/34665

Dated: 12-02-2020

Dated of Test: 14-02-2020

To,

Resident Engineer

NESPAK Attock

Construction of High Level Bridge over Sill Nullah on Road fromm Khaur to Nakka via Raterian Tehsil Pindigheb District Attock

Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/02/33375) (Page -2/2)

Reference to your Letter No. 3126/RE/ADP/SUJ/03/23, Dated: 12/02/2020 on the subject cited above. One Hydraulic Jack (Jack No 320, Gauge No. AES-320) as received by us has been calibrated. The results are tabulated as under:

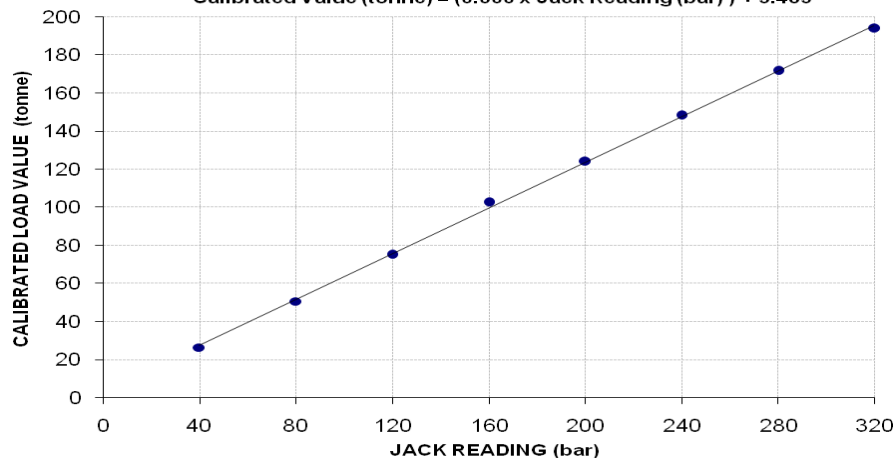
Total Range : Zero - 700 (bar)
Calibrated Range : Zero - 320 (bar)

Hydraulic Jack Reading (bar)	40	80	120	160	200	240	280	320	
Calibrated Load	(kg)	26400	50600	75200	102600	124000	148200	171600	193800
	Tonne	26.40	50.60	75.20	102.60	124.00	148.20	171.60	193.80
Calibrated Pressure (bar)	45	86	128	175	212	253	293	331	

1 Tonne = 1000 kg, The Ram Area of Jack = 574.8 cm²

Calibration Curve For Jack No. AES 320

Calibrated Value (tonne) = (0.600 x Jack Reading (bar)) + 3.485



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UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
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Pakistan. Ph: 92-42-99029202

To,
 Shahan Brothers
 Lahore
 (Site 16-Shadman Jail Road Lahore)

Reference # CED/TFL **34666** (Dr. Usman)
 Reference of the request letter # Nil

Dated: 13-02-2020
 Dated: 13-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.357	3	0.365	0.11	0.105	3500	4700	70200	73570	94200	98800	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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 Manager
 Shahid Builders (Pvt) Ltd
 Burger King 254 Phase V DHA, Lahore

Reference # CED/TFL **34670** (Dr. Usman Akmal)
 Reference of the request letter # SBL/2020/1-A

Dated: 13-02-2020
 Dated: 12-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.374	0.11	0.110	3200	5200	64200	64260	104200	104500	1.40	17.5	
2	0.377	3/8	0.376	0.11	0.111	3200	5200	64200	63620	104200	103400	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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STRUCTURAL ENGINEERING DIVISION
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Pakistan. Ph: 92-42-99029202

To,
 Manager Construction
 Vision Developers (Pvt) Ltd
 12 E DHA Phase 8 Project

Reference # CED/TFL **34671** (Dr. Usman Akmal)
 Reference of the request letter # Nil

Dated: 13-02-2020
 Dated: 12-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.375	3/8	0.374	0.11	0.110	3300	5100	66200	66070	102200	102200	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample 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.

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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 Manager
 Depac
 Construction of Dr. Maqbool Ahmed Block, King Edward Medical University (KEMU), Lahore

Reference # CED/TFL **34672** (Dr. USman Akmal)
 Reference of the request letter # T-36-03-20

Dated: 13-02-2020
 Dated: 13-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.379	3	0.377	0.11	0.111	3900	5200	78200	77120	104200	102900	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 Project Coordinator
 China CAMC Engineering Co., Ltd
 CAMCE Pakistan branch office
 Mangla Package IX Switchyard GMHD-09
 Reference # CED/TFL **34673** (Dr. Usman Akmal)
 Reference of the request letter # CAMCE/CHB/023

Dated: 13-02-2020
 Dated: 13-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.399	3	0.386	0.11	0.117	3800	5900	76200	71500	118300	111100	1.10	13.8	
2	0.396	3	0.385	0.11	0.116	3700	5700	74200	70080	114300	108000	1.00	12.5	
3	0.394	3	0.384	0.11	0.116	3600	5800	72200	68580	116300	110500	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and two samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														
#3 Bar Bend Test Through 180° is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M.E
AS Enterprises
Ahmed Oriental Industrial Estate Raim Yar Khan
(AA Associates)(Afce)

Reference # CED/TFL **34674** (Dr. Usman Akmal)
Reference of the request letter # USD/ASE/01

Dated: 13-02-2020
Dated: 12-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
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	0.409	10	9.94	0.12	0.120	3900	4900	71650	71530	90021	89900	1.30	16.3	
2	0.412	10	9.98	0.12	0.121	3900	5000	71650	70950	91858	91000	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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Test Floor Laboratory
Department of Civil Engineering
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To,
 Senior Resident Engineer
 ProMag Pvt Ltrd
 Civil Infrastructure Works Main Truk Sewer Package II – DHA Multan

Reference # CED/TFL **34675, 677** (Dr. Waseem Abbass)
 Reference of the request letter # CRE/MTS/424

Dated: 13-02-2020
 Dated: 07-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	3300	4700	66200	66720	94200	95100	1.20	15.0	FF Steel
2	0.369	3	0.372	0.11	0.108	3200	4700	64200	65050	94200	95600	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.

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Test Floor Laboratory
Department of Civil Engineering
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To,
 Senior Resident Engineer
 ProMag Pvt Ltrd
 Civil Infrastructure Works Main Truk Sewer Package II – DHA Multan

Reference # CED/TFL **34676** (Dr. Usman Almal)
 Reference of the request letter # CRE/MTS/422

Dated: 13-02-2020
 Dated: 07-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A496

Sr. No.	Weight (kg/m)	Diameter/ Size (mm)		Area (mm ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (Mpa)		Ultimate Stress (Mpa)		Remarks
		Nominal	Actual	Nominal	Actual			Nominal	Actual	Nominal	Actual	
1	0.145	5	4.85	19.40	18.50	800	960	405	424	485	509	
2	0.149	5	4.92	19.40	19.03	1000	1240	506	516	627	639	
3	0.213	6	5.87	32.30	27.09	1680	2300	510	608	699	833	
4	0.211	6	5.85	32.30	26.89	1600	2400	486	584	729	876	
5	0.395	8	8.00	51.60	50.28	1400	2080	266	273	395	406	
6	0.394	8	7.99	51.60	50.14	1500	2050	285	293	390	401	
Note: only six samples for tensile and three samples for bend test												
Bend Test												
5mm Dia Bar Bend Test Through 180° is Satisfactory												
6mm Dia Bar Bend Test Through 180° is Satisfactory												
8mm Dia Bar Bend Test Through 180° is Satisfactory												

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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,
 Resident Engineer
 Orbit Housing
 The Spring Apartment Homes, Canal Road, Lahore

Reference # CED/TFL **34680** (Dr. Usman Akmal)
 Reference of the request letter # Nil

Dated: 14-02-2020
 Dated: 14-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.364	3	0.369	0.11	0.107	3700	4800	74200	76230	96200	98900	1.10	13.8	
2	0.371	3	0.373	0.11	0.109	3800	4850	76200	76830	97200	98100	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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:

- 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,
 Project Manager
 Liberty Builders
 Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore

Reference # CED/TFL **34682** (Dr. Qasim Khan)
 Reference of the request letter # ST/UET/2020014

Dated: 14-02-2020
 Dated: 14-02-2020

Tension Test Report (Page -1/1)

Date of Test 14-02-2020
 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	0.367	3	0.370	0.11	0.108	3600	5000	72200	73610	100200	102300	0.80	10.0	Batala Premium
2	0.369	3	0.372	0.11	0.108	3500	4900	70200	71120	98200	99600	0.80	10.0	
3	0.371	3	0.373	0.11	0.109	3600	5100	72200	72720	102200	103100	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three 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:

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



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 Defence Housing Authority.
Lahore Cantt
(Const of Mess at OHWT Block 'B', DHA Ph-IX (M/s Eagle)

Reference # CED/TFL **34692** (Dr. Waseem Abbass)
Reference of the request letter # 408/241/E/Lab/846/34

Dated: 17-02-2020
Dated: 17-02-2020

Tension Test Report (Page -1/1)

Date of Test 19-02-2020
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	0.369	3	0.372	0.11	0.109	3300	4900	66200	67040	98200	99600	1.30	16.3	Kamran Steel
2	0.364	3	0.369	0.11	0.107	3200	4800	64200	65980	96200	99000	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:

- 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