STRUCTURAL ENGINEERING DIVISION

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

To,
Mirza Salman Baig
Lahore

Reference # CED/TFL **37426** (Dr. M Rizwan Riaz) Dated: 26-11-2021
Reference of the request letter # Nil Dated: 26-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	0.399	3	0.386	0.11	0.117	3400	5300	68200	63960	106200	99700	1.20	15.0	
2	0.403	3	0.388	0.11	0.118	3400	5400	68200	63330	108200	100600	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

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,
Project Manager
Union Developers
Construction of Union Luxury Apartments, Etihad Town Lahore

Reference # CED/TFL **37427** (Dr. M Rizwan Riaz) Dated: 26-11-2021
Reference of the request letter # UA/SO/2021/06 Dated: 25-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.376	3	0.375	0.11	0.110	4300	5400	86200	85870	108200	107900	0.80	10.0	Afco Steel
2	0.373	3	0.373	0.11	0.110	4200	5400	84200	84500	108200	108700	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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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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
Kashif Riaz & Associates
Construction of Infra Structure Work Akhuwat University Mustfabad Kasur

Reference # CED/TFL **37429** (Dr. M Rizwan Riaz) Dated: 26-11-2021
Reference of the request letter # 01/Lab/01 Dated: 25-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.232	3	0.295	0.11	0.068	3800	4800	76200	122930	96200	155300	1.20	15.0	Mughal
2	0.257	3	0.310	0.11	0.075	4200	5100	84200	122690	102200	149000	1.20	15.0	
3	0.258	3	0.311	0.11	0.076	4200	5100	84200	122110	102200	148300	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and one samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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

To,
M/S Moaz Steel
Lahore
(Mahmmad Dam Project)(CGGC – DSCON Jv)

Reference # CED/TFL **37432** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # MZ/CGGC-DES/MD/UET/017 Dated: 25-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Heat No.
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	4.236	32	31.98	1.25	1.245	46600	63000	82187	82500	111112	111600	1.40	17.5	B630
2	4.168	32	31.72	1.25	1.225	44000	58400	77602	79150	102999	105100	1.40	17.5	B631
3	4.195	32	31.83	1.25	1.233	45000	59400	79366	80430	104763	106200	1.30	16.3	C632
4	4.123	32	31.55	1.25	1.212	42400	55800	74780	77110	98413	101500	1.50	18.8	D5034
5	4.167	32	31.72	1.25	1.225	44600	61000	78660	80250	107584	109800	1.20	15.0	D5035
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only five 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,
M/S Potential Engineers (Pvt.) Limited
Lahore
(PCC Pole Plant Sadiqabad)

Reference # CED/TFL **37433** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # PCP/HTLT/SPUN/SDK/429 Dated: 26-11-2021

Tension Test Report (Page -1/2)

Date of Test 30-11-2021
Gauge length 8 inches
Description MS Wire Tensile Test

Sr. No.	Weight	Diameter/ size		Area (mm^2)		Yield load	Breaking Load	Yield Stress (MPa)	Ultimate Stress (MPa)	Elongation	% Elongation	Remarks
	(kg/m)	Nominal (mm)	Actual (mm)	Nominal	Actual	(kg)	(kg)	Actual	Actual	(inch)		
1	0.135	5	4.68	-------	17.2	1000	1400	570	799	0.30	3.8	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample 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,
M/S Potential Engineers (Pvt.) Limited
Lahore
(PCC Pole Plant Sadiqabad)

Reference # CED/TFL **37433** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # PCP/HTLT/SPUN/SDK/428 Dated: 26-11-2021

Tension Test Report (Page – 2/2)

Date of Test 30-11-2021
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)		% Elongation	Remarks/ Coil No.
	(mm)	(kg/km)	(kg/km)	(kg)	(kN)	(kg)	(kN)		
1	**9.53 (3/8")**	**432.0**	**440.0**	**9500**	**93.20**	**11000**	**107.91**	**>3.50**	**xx**
2	**11.11 (7/16")**	**582.0**	**590.0**	**12800**	**125.57**	**14300**	**140.28**	**>3.50**	**xx**
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
Only two samples for 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,
Manager QC
Country Developers (Pvt) Ltd
46-G Model Town Lahore

Reference # CED/TFL **37434** (Dr. M Rizwan Riaz) Dated: 26-11-2021
Reference of the request letter # CD-21-Testing/ST/46G-005 Dated: 26-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.385	3	0.379	0.11	0.113	3800	4700	76200	74080	94200	91700	0.90	11.3	Mughal Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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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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
Pillar & Sons
Rumanza Golf & Country Club, DHA Multan

Reference # CED/TFL **37435** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # P&S/OTH/GEN/00052 Dated: 20-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	4.234	10	1.259	1.27	1.245	42200	56400	73300	74740	97900	99900	1.40	17.5	SJ Steel
2	4.228	10	1.258	1.27	1.243	39400	53800	68400	69890	93400	95500	1.50	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#10 Bar Bend Test Through 180º 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

To,
Chief Engineer
Zaitoon
New Lahore City,
Construction of Terrace Homes Phase-II, New Lahore City

Reference # CED/TFL **37436** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # NLC/CE/Const/012 Dated: 27-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.368	3	0.371	0.11	0.108	4400	5100	88200	89770	102200	104100	1.00	12.5	Amreli Steel
2	0.365	3	0.370	0.11	0.107	4200	5000	84200	86190	100200	102700	0.75	9.4	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

#3 Bar Bend Test Through 180º 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

To,
Resident Engineer
NESPAK
Punjab Intermediate Cities Improvement Investment Program (PICIIP)
Consultancy Services for Engineering Procurement and Construction Management
Watsan Sialkot (NCB-Works/PIIC-02) Lot-01, Lot-02 & Lot-04
Reference # CED/TFL **37437** (Dr. Asad Ali) Dated: 29-11-2021
Reference of the request letter # Nespak/SAH/UET/L1, 2 & 4/029 Dated: 26-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		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	0.192	6	6.80	-------	0.056	1850	2400	-------	72400	-------	94000	1.30	16.3	Mehboob Steel
2	0.193	6	6.82	-------	0.057	1850	2420	-------	72040	-------	94300	1.40	17.5	
3	0.422	10	10.10	0.12	0.124	3980	5780	73119	70650	106188	102700	1.30	16.3	
4	0.362	10	9.35	0.12	0.106	3210	5020	58973	66490	92226	104000	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only four samples for tensile and two samples for bend test

Bend Test

6mm Dia Bar Bend Test Through 180º is Satisfactory

10mm Dia Bar Bend Test Through 180º is Satisfactory

Witness by Engr. Saif Ullah Amin (Sr. Resident Engineer NESPAK)

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 **37438** (Dr. Asad Ali) Dated: 29-11-2021
Reference of the request letter # IHPL/Steel/0155 Dated: 26-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.387	3	0.381	0.11	0.114	3520	5250	70600	68200	105200	101800	0.80	10.0	PCS
2	0.393	3	0.383	0.11	0.115	4130	5350	82800	78880	107200	102200	0.90	11.3	
3	0.388	3	0.381	0.11	0.114	4080	5350	81800	78820	107200	103400	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and two samples for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														
#3 Bar Bend Test Through 180º is Satisfactory														

Witness by Engr. Ali Husnain Khan (Kingcreate Builders)

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,
M/S Defence Housing Authority.
Lahore Cantt
(Construction of 1 Kanal Houses NGV DRGCC (52 Units) DHA Phase-VI) – (M/s Linker Developers (Pvt) Ltd)
Reference # CED/TFL **37439** (Dr. M Rizwan Riaz) Dated: 29-11-2021
Reference of the request letter # 408/241/E/Lab/173/311 Dated: 29-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.362	3	0.368	0.11	0.106	3400	5500	68200	70490	110200	114100	1.00	12.5	Afco Steel
2	0.361	3	0.368	0.11	0.106	3300	5500	66200	68530	110200	114300	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º 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

To,
M/S MDS Engineering Co.
Lahore
(CC: Power China Bebei Engineering Corporation Limited.)

Reference # CED/TFL **37440** (Dr. Ali Ahmed) Dated: 30-11-2021
Reference of the request letter # 11217 Dated: 30-11-2021

Tension Test Report (Page – 1/1)

Date of Test 01-12-2021
Gauge length 2 inches
Description Welded Metal Steel Strip Tensile and Bend Test
ASME Sec IX

Sr. No.	Designation	Size of Strip	X Section Area	Breaking Load	Ultimate Stress	Elongation	% Elongation	Remarks
	(mm)	(mm)	(mm^2)	(kg)	(MPa)	(inch)		
1	Welded Metal	21.70x14.00	303.80	15300	494.05	0.60	30.00	Failure at the location other than weld
2		21.70x13.70	297.29	15100	498.27	0.50	25.00	Failure at the location other than weld
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Only two samples for tensile and Four samples for bend test

Bend Test

Strip taken from Welded Metal Root Bend Test Through 180º is Satisfactory
Strip taken from Welded Metal Root Bend Test Through 180º is Satisfactory
Strip taken from Welded Metal Face Bend Test Through 180º is Satisfactory
Strip taken from Welded Metal Face Bend Test Through 180º 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,
Chief Engineer
Zaitoon
New Lahore City,
Construction of 12-Nos Houses Phase-IV, New Lahore City

Reference # CED/TFL **37441** (Dr. M Rizwan Riaz) Dated: 30-11-2021
Reference of the request letter # NLC/CE/Const/013 Dated: 29-11-2021

Tension Test Report (Page -1/1)

Date of Test 30-11-2021
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	0.371	3	0.373	0.11	0.109	4200	5000	84200	84840	100200	101000	0.90	11.3	Amreli Steel
2	0.370	3	0.372	0.11	0.109	4200	5000	84200	85120	100200	101400	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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