

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 <u>2235 (Dr. Qasim Khan)</u>
Reference of the request letter # OCC/Steel/11
Dated: 03-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight		neter/ ze		rea 1 ²)	Yield load	Breaking Load		Stress si)		te Stress si)	Elongation	% Elongation	Remarks
<i>S</i> 2	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	∃%	Re
1	4.215	10	1.256	1.27	1.239	36600	56000	63600	65110	97200	99700	1.60	20.0	m
2	4.268	10	1.264	1.27	1.255	36000	57000	62500	63250	99000	100200	1.40	17.5	Batala Premium
-	-	-	-	-	-	-	-	-	-	-	-	-	-	B. Pre
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	te: onl	y two sa	amples fo	r tensile	and two	samples	for bend	test			
				Bend Test										
#10) Bar Be	nd Test	Throug	sh 180°	is Satist	factory								

I/C Testing Laboratoires UET Lahore, Pakistan.

Note:

#10 Bar Bend Test Through 180° is Satisfactory

- 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



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 Vehova
(Construction of Metalled Road from Nutkani Road Fateh Khan via Sattar Dumra Purana Basti
Azeem Road to Nutkani Road Length = 9.00 km, District D.G. Khan)

Reference # CED/TFL **2219** (Dr. Safeer Abbass)

Reference of the request letter # 616

Dated: 01-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight		neter/ ze		rea n²)	Yield load	Breaking Load		Stress si)		te Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	3 %	R
1	0.388	3	0.381	0.11	0.114	2600	3500	52100	50210	70200	67600	1.80	22.5	
2	0.385	3	0.380	0.11	0.113	2500	3500	50100	48650	70200	68200	1.90	23.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: onl	ly two s	amples f	or tensile	and one	sample f	or bend t	test			
							Bend T	<u>'est</u>						
#3	Bar Ben	d Test	Through	n 180° is	s Satisfa	ctory								

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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

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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
ACE Limited, Sambrial Sialkot
Establishment of University of Applied Engineering and Emerging Technologies (UAEET)
Sambrial, Sialkot

Reference # CED/TFL **2220** (Dr. Safeer Abbass)

Reference of the request letter # TE/UAEET/ACE/2022/63

Dated: 01-11-2022

Dated: 31-10-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight		neter/ ze		rea n²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	3 %	Re
1	0.378	3	0.376	0.11	0.111	3300	5100	66200	65440	102200	101200	1.00	12.5	teel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	SJ Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	Note: only one sample for tensile and one sample for bend test										
			Bend Test											
#3	Bar Ben	d Test	Γhrough	180° is	s Satisfa	ctory								

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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 <u>2221 (Dr. Safeer Abbas)</u>
Reference of the request letter # UA/SO/2022/030
Dated: 02-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diam Si			rea n²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	Re
1	0.384	3	0.379	0.11	0.113	3900	4800	78200	76190	96200	93800	1.00	12.5	Afco Steel
2	0.399	3	0.386	0.11	0.117	4000	5100	80200	75160	102200	95900	0.80	10.0	Af Sto
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend 1	test	1		
#2	Don Don	Bend Test Bend Test Through 180° is Satisfactory												
#3	Bar Ben	d Test												

I/C Testing Laboratoires UET Lahore, Pakistan.

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

To, M/S Siraj Steel Mirpur Azad Kashmir

Reference # CED/TFL <u>2222 (Dr. Safeer Abbass)</u>

Reference of the request letter # Nil

Dated: 02-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Si	neter/ ze ch)	Aı (iı	rea 1 ²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	H %	R
1	0.380	3/8	0.377	0.11	0.112	3200	4800	64200	63080	96200	94700	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	`
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly one s	sample fo	r tensile	and one	sample fo	or bend t	est	I		
							Bend T	est est						

3/8" Dia Bar Bend Test Through 180° is Satisfactory

I/C Testing Laboratoires UET Lahore, Pakistan.

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

To, Site In-Charge Capital Contractors Fast (NU), Plot # 852-B, Faisal Town, Lahore

Reference # CED/TFL <u>2223 (Dr. M Rizwan Riaz)</u>

Reference of the request letter # Nil

Dated: 02-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Si	neter/ ize ch)		rea n²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	∃%	Re
1	0.380	3/8	0.377	0.11	0.112	3100	4700	62200	61110	94200	92700	1.40	17.5	ttehad Steel
2	0.369	3/8	0.372	0.11	0.109	3000	4600	60200	60900	92200	93400	1.50	18.8	Ittehad Steel
-	-	-	_	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend t	test			
			Bend Test nd Test Through 180° is Satisfactory											
3/8	" Dia Ba	ır Bend	Test Th	rough										

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To,
M/S Icon Construction Services
Lahore
(Embroidery Export Corporation Production Building at Daska Road Sialkot)

Reference # CED/TFL 2225 (Dr. M Rizwan Riaz)

Reference of the request letter # Nil

Dated: 02-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile Test as per ASTM-A615

Weight	Si	ize	Aı (iı	rea n²)	Yield load	Breaking Load					Elongation	longation	Remarks
(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	Re
0.380	3/8	0.377	0.11	0.112	3800	4900	76200	75000	98200	96800	1.30	16.3	Mughal Steel
0.376	3/8	0.375	0.11	0.111	3500	4600	70200	69780	92200	91800	1.50	18.8	Mug
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	_	-	-	-	-	-	-	
		1		Not	e: only t	wo sampl	les for ter	nsile test	T	T	I	I	
Bend Test													
	0.380 0.376	(lps/ft) 0.380 3/8 0.376 3/8	(lps/tt) 0.380 3/8 0.377 0.376 3/8 0.375	(lps/tt) O.380 3/8 0.377 0.11 O.376 3/8 0.375 0.11	(lps/tt) (lps/t	(kg) (kg) (kg) 0.380 3/8 0.377 0.11 0.112 3800 0.376 3/8 0.375 0.11 0.111 3500 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	(kg) (kg) (kg) (kg) (kg) (kg) 0.380 3/8 0.377 0.11 0.112 3800 4900 0.376 3/8 0.375 0.11 0.111 3500 4600 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - Note: only two samples	1/3 (kg) (400) 76200 0.376 3/8 0.375 0.11 0.111 3500 4600 70200 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	Teal Teal	The control of the	The state of the late of the	Table Tabl	Teal Teal

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To, Chairman Eagle Developers Dream Galleria, Dream Garden, Lahore

Reference # CED/TFL <u>2228 (Dr. M Rizwan Riaz)</u>

Reference of the request letter # Nil

Dated: 03-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Dian Si			rea n²)	Yield load	Breaking Load		Stress si)		te Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	R
1	0.415	3	0.394	0.11	0.122	3200	4800	64200	57800	96200	86700	1.20	15.0	
1	-	-	1	-	-	-	-	-	-	-	-	-	-	`
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ı	-	ı	ı	ı	-	-	•	-	-	-	-	-	ı	
-	-	ı	ı	ı	-	-	-	-	-	-	-	-	ı	
1	-	-		-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly one s	ample fo	r tensile	and one	sample fo	or bend t	est	ı		ı
#3	Bar Ben	Bend Test Bend Test Through 180° is Satisfactory												

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To,
Project Manager
Q-Link Construction
Construction of JGM, Bahria Town Lahore

Reference # CED/TFL **2230** (Dr. M Rizwan Riaz)

Reference of the request letter # QLC-UET-JGM-2022-11-LTR-112-1

Dated: 03-11-2022

Dated: 02-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diam Si		Aı (iı	rea 1 ²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	Re
1	0.374	3	0.374	0.11	0.110	3200	5000	64200	64130	100200	100200	1.20	15.0	
-	-	•	-	-	-	-	-	-	-	-	-	-	-	SJ Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	SJ
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly one s	sample fo	or tensile	and one	sample fo	or bend t	est	1		
		Note: only one sample for tensile and one sample for bend test Bend Test												
#3	Bar Ben	d Test T	Γhrough	180° is	s Satisfa	ctory	Delia 1	CSI						

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To,
Resident Engineer
Sitara Heights Private Limited, Lahore
"3 Jays Tower" Firdous Market Gulberg 3, Lahore

Reference # CED/TFL **2231** (Dr. M Rizwan Riaz)

Reference of the request letter # SHPL/SERENE/LHR/10

Dated: 03-11-2022

Dated: 03-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diam Si	neter/ ze		rea 1 ²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks	
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	3 %	Re	
1	0.372	3	0.373	0.11	0.109	3200	4800	64200	64570	96200	96900	1.20	15.0		
2	0.371	3	0.372	0.11	0.109	3300	4800	66200	66790	96200	97200	1.20	15.0		
-	ı	ı	ı	ı	-	-	-	-	-	-	-	-	ı		
-	-	1	1	-	-	-	-	-	-	-	-	1	-		
-	-	-	1	-	-	-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			No	ote: onl	ly two s	amples f	or tensile	and one	sample f	or bend t	test				
					Bend Test										
#3	Bar Ben	d Test T	Γhrough	180° is	s Satisfa	ctory									

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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

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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
BSM Developers Pvt Ltd
Construction of Over Head Water Tank 1.0 Lac Gallen New Metro Gujjar Khan Rawalpindi

Reference # CED/TFL **2232** (Dr. M Rizwan Riaz)

Reference of the request letter# NMC/014/2022

Dated: 03-11-2022

Dated: 21-10-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile Test as per ASTM-A615

Sr. No.	Weight	Si	neter/ ze ch)	Aı (iı	rea 1 ²)	Yield load	Breaking Load		Stress si)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	Re
1	0.371	3	0.373	0.11	0.109	3400	4900	68200	68700	98200	99100	1.10	13.8	el el
-	-					-	-	-	-	-	-	-	-	FF Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	_	-	-	
-	-	-	-	-	-	-	_	-	-	-	-	-	-	
-	-	-	_	-	-	-	-	-	-	-	-	_	-	
			ı		No	te: only o	ne samp	le for ten	sile test	ı	1	1		
-		Bend Test												

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To, M/S Canal 44 Luxury Apartments New Garden Town, Lahore

Reference # CED/TFL **2234** (Dr. M Rizwan Riaz)

Reference of the request letter # Nil

Dated: 03-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight		neter/ ze		rea 1 ²)	Yield load	Breaking Load		Stress si)	Ultimat (p	e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	R
1	0.379	3	0.376	0.11	0.111	3600	5000	72200	71290	100200	99100	1.20	15.0	
2	0.378	3	0.376	0.11	0.111	3500	4900	70200	69450	98200	97300	1.20	15.0	
1	-	-	-	-	-	-	-	-	-	_	-	-	-	
1	-	-	-	-	-	-	-	-	-	_	-	-	-	
-	-	-	-	-	-	-	-	-	-	_	-	-	-	
-	-	-	-	-	-	-	-	-	-	_	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	for bend t	test	· · · · · · · · · · · · · · · · · · ·		
							Bend T	est est						
#3	Bar Ben	d Test	Bend Test t Through 180° is Satisfactory											

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To, Project Engineer MA Engineering Services Enfrasahre Sites

Reference # CED/TFL **2238** (Dr. M Rizwan Riaz)

Reference of the request letter # MA/UET/LHR/018

Dated: 03-11-2022

Dated: 07-10-2022

Tension Test Report (Page -1/2)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		e Arc		Yield load	Breaking Load	Yield Stress (psi)			te Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	Re
1	0.403	10	9.86	0.12	0.118	4600	5500	84510	85580	101044	102400	1.30	16.3	
-	-	1	-	-	-	-	-	-	-	-	-	-	1	
-	-	1	-	-	-	-	-	-	-	-	-	-	1	
-	-	ı	-	-	-	-	-	-	-	-	-	-	-	
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-	-	ı	-	-	-	-	-	-	-	-	-	-	ı	
Note: only one sample for tensile and one sample for bend test														
	Bend Test													
10r	nm Dia	Bar Bei	nd Test	Throug	h 180° i	s Satisfac	ctory							

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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



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

To, Project Engineer MA Engineering Services Enfrasahre Sites

Reference # CED/TFL **2238** (Dr. M Rizwan Riaz)

Reference of the request letter # MA/UET/LHR/017

Dated: 03-11-2022

Dated: 01-08-2022

Tension Test Report (Page -2/2)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (mm)		Are		Yield load	Breaking Load	Yield Stress (psi)			e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	₩ E	Re
1	0.411	10	9.96	0.12	0.121	4300	5200	78998	78430	95533	94900	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	1	-	-	-	-	1	
-	-	-	-	•	-	-	-	ı	-	-	•	-	ı	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	_	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
							Bend T	est						
10r	10mm Dia Bar Bend Test Through 180° is Satisfactory													

I/C Testing Laboratoires UET Lahore, Pakistan.

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- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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

To,
Project Manager
Century Venture
Century Venture 1, MM Alam Road, Lahore

Reference # CED/TFL **2239** (Dr. M Rizwan Riaz)

Reference of the request letter# CV1/ST/05

Dated: 03-11-2022

Dated: 03-11-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size				Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stres (psi)		Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	3 %	Re
1	0.370	3	0.372	0.11	0.109	3400	5000	68200	68930	100200	101400	1.40	17.5	aq el
2	0.388	3	0.381	0.11	0.114	3400	4800	68200	65790	96200	92900	1.20	15.0	Ittefaq Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
"2	Bend Test													
#3	#3 Bar Bend Test Through 180° is Satisfactory													

I/C Testing Laboratoires UET Lahore, Pakistan.

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- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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

To,
Resident Engineer
G3 Engineering Consultants (Pvt.) Ltd.
Construction of DHA Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore

Reference # CED/TFL **2240** (Dr. Safeer Abbass)

Reference of the request letter # G3/DHA-NLD/RE/112

Dated: 04-11-2022

Dated: 03-10-2022

Tension Test Report (Page -1/1)

Date of Test 04-11-2022 Gauge length 8 inches

Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in²)				Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
3 2	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	Э %	R
1	0.376	3	0.375	0.11	0.111	3800	4800	76200	75790	96200	95800	0.80	10.0	
2	0.373	3	0.374	0.11	0.110	3800	4800	76200	76350	96200	96500	1.00	12.5	
3	0.373	3	0.374	0.11	0.110	3700	4600	74200	74390	92200	92500	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	1	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile and one sample for bend test														
							Bend T	est						
#3	#3 Bar Bend Test Through 180° is Satisfactory													

I/C Testing Laboratoires UET Lahore, Pakistan.

- 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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