

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

To,
Procurement Manager
Premier Developers & Builders
Lyallpur Galleria-II near Four Season Colony Samundri Road, Faisalabad

Reference # CED/TFL 1910 (Dr. Rizwan Azam)

Reference of the request letter # LG-II/024

Dated: 07-09-2022

Dated: 06-09-2022

Tension Test Report (Page -1/2)

Date of Test 12-09-2022 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	Re
1	0.383	3	0.378	0.11	0.113	3300	4600	66200	64650	92200	90200	1.50	18.8	r+. 4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	FF
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	1	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly one s	sample fo	r tensile	and one	sample f	or bend t	est	ī	ı	
#3	Bar Ben	d Test	Through	180° is	S Satisfa	ectory	Bend T	est						

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,

Sr. Engineer (Civil) KCP (W&S) Pakistan Atomic Energy Commission Jauharabad

"Construction of Hostels for KCP Genral Hospital at KCP Colony"

Reference # CED/TFL **1912** (Dr. Rizwan Azam)

Dated: 08-09-2022

Reference of the request letter # KCP(W&S)-Hosp-(Hostels)/2019 Dated: 07-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 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
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	R
1	0.362	3	0.368	0.11	0.106	3300	5000	66200	68310	100200	103500	1.00	12.5	
2	0.362	3	0.368	0.11	0.106	3300	4900	66200	68310	98200	101500	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend t	test			
							Bend T	est						
#3	Bar Ben	d Test	Γhrough	180° is	s Satisfa	ctory								

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,
Construction Manager
Zameen Neo
Construction of Zameen Neo at Plot No. 13 H, Gulberg-III, Lahore

Reference # CED/TFL 1913 (Dr. Rizwan Azam)

Reference of the request letter # ZD/ZN/GSW/01

Dated: 08-09-2022

Dated: 07-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 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)	% E	R
1	0.384	3	0.379	0.11	0.113	3800	4800	76200	74290	96200	93900	1.10	13.8	-
2	0.386	3	0.380	0.11	0.113	3200	4800	64200	62190	96200	93300	1.10	13.8	Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	\mathbf{S}
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend	test			
#2	Don Don	d Tost T	Fh.mo.y.~h	. 1900 ::	Satisfa	otomi	Bend T	est						
#3	Bar Ben	a rest	ı nrougn	1 180° 1	s Satisia	ctory								

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, Executive Engineer PHE Division Kotli (Water Supply Scheme THQ Sehnsa)

Reference # CED/TFL 1914 (Dr. Rizwan Azam)

Reference of the request letter # 2757-59 XEN/PWD/PHED

Dated: 08-09-2022

Dated: 15-08-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 Gauge length 8 inches

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

Sr. No.	Weight	Si	neter/ ze 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)	3 %	R
1	0.383	3/8	0.379	0.11	0.113	2900	4400	58200	56720	88200	86100	1.60	20.0	
2	0.387	3/8	0.380	0.11	0.114	2900	4400	58200	56240	88200	85400	1.50	18.8	
-	-	-	-	ı	-	1	-	-	-	-	-	-	1	
-	-	-	-	ı	-	1	-	-	-	-	-	-	1	
1	-	-	-	-	-	•	-	-	-	-	-	-	1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	N	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend t	test	1		
							Bend T	est						
3/8	" Dia Ba	ır Bend	Test Th	rough	180° is \$	Satisfacto	ry							

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, Quantity Surveyor Linker

Construction of Hassan & Huma Residence, DHA Phase VIII, Sector-A, Lahore

Reference # CED/TFL 1917 (Dr. Rizwan Azam)

Reference of the request letter # Nil

Dated: 09-09-2022

Dated: 08-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 Gauge length 8 inches

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

	(lps/ft)	Nominal (#)	Actual (inch)	Nominal	ıal									Remarks
1 0.	277			N_0	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% Elongation	
	.3//	3	0.376	0.11	0.111		6100			122300	121400	0.90	11.3	
-	-	-	-	ı	-	-	-	-	ı	-	-	-	-	•
-	-	-	-	ı	-	-	-	-	ı	-	-	-	-	
-	-	-	-	ı	-	-	-	-	ı	-	-	-	-	
-	-	-	-	ı	-	-	-	-	ı	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	T		N	ote: on	ly one s	sample fo	r tensile	and one	sample fo	or bend to	est	Γ		
#3 Rat	ır Beno	d Test T	Chrough	180° is	s Satisfa	ectory	Bend T	est						

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,
Resident Engineer
Metroplan – Asian Jv
Establishment of 200 Bedded Mother & Child Hospital (MCH), Layyah

Reference # CED/TFL 1919 (Dr. Rizwan Azam) Dated: 09-09-2022 Reference of the request letter # Metroplan-Asian JV-MCH-Layyah-RE-126Dated: 05-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 Gauge length 8 inches

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

Sr. No.	Weight	Diam Si			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 %	R
1	0.374	3	0.374	0.11	0.110	4200	5000	84200	84260	100200	100400	0.90	11.3	Steel
2	0.371	3	0.373	0.11	0.109	3800	4900	76200	76710	98200	99000	0.90	11.3	AF S
-	-	ı	ı	ı	-	1	-	-	-	-	-	-	-	
-	ı	ı	ı	ı	-	ı	-	-	-	-	•	-	-	
-	-	-	1	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend t	test			
							Bend T	est						
#3	Bar Ben	d Test	Γhrough	180° is	s Satisfa	ictory								

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,

Site In-charge

Ittefaq Construction Associates

Project: Respected Faizan Liaqat sb, 330-R, Johar Town, Lahore

Reference # CED/TFL 1921 (Dr. Rizwan Azam)

Reference of the request letter # ICA/FLS/10

Dated: 09-09-2022

Dated: 09-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 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)		e Stress si)	Elongation	% Elongation	Remarks
S	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	R
1	0.377	3	0.375	0.11	0.111	3700	4300	74200	73670	86200	85700	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	,
-	-	-	-	-	-	-	-	-	-	-	_	-	-	
-	1	-	ı	-	-	-	-	-	-	-	-	-	1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			N	ote: on	ly one s	sample fo	r tensile	and one	sample fo	or bend t	est	1		
#3	Bar Ben	d Test	Γhrougł	n 180° is	s Satisfa	ctory	Bend T	est						

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, Resident Engineer Sitara Heights Private Limited, Lahore "Sitara Serene Tower Gulberg 3, Lahore

Reference # CED/TFL 1923 (Dr. Rizwan Azam)

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

Dated: 09-09-2022

Dated: 09-09-2022

Tension Test Report (Page -1/2)

Date of Test 12-09-2022 Gauge length 8 inches

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

Sr. No.			ze		rea n²)	Yield load	Breaking Load		Stress si)	Ultimat (p		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)	% E	R
1	0.393	3	0.383	0.11	0.116	3300	5000	66200	62970	100200	95500	1.30	16.3	
2	0.369	3	0.372	0.11	0.109	2900	4700	58200	58870	94200	95500	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend t	est			
							Bend T	est						
#3 B	ar Ben	d Test	Through	180° is	s Satisfa	ctory								

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

Reference # CED/TFL 1923 (Dr. Rizwan Azam)

Reference of the request letter # SHPL/3JAYS/LHR/10

Dated: 09-09-2022

Dated: 09-09-2022

Tension Test Report (Page -2/2)

Date of Test 12-09-2022 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)	% E	Re
1	0.358	3	0.366	0.11	0.105	2900	4700	58200	60760	94200	98500	1.00	12.5	
2	0.361	3	0.368	0.11	0.106	3000	4700	60200	62280	94200	97600	1.10	13.8	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ı	N	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend	test			
				1000:	<u> </u>		Bend T	est						
#3	Bar Ben	d Test	I'hrough	180° is	s Satisfa	ictory								

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
MS Tower Developers
Construction of MS Tower at Plot 450, 451 Johar Town Lahore

Reference # CED/TFL 1924 (Dr. Qasim Khan)

Reference of the request letter # MST/BC/UET/2022/S-012

Dated: 09-09-2022

Dated: 09-09-2022

Tension Test Report (Page -1/1)

Date of Test 12-09-2022 Gauge length 8 inches

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

Sr. No.	Weight		ieter/ ze		ea 1 ²)	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	Re
1	0.379	3	0.377	0.11	0.112	5100	6800	102200	100770	136300	134400	0.60	7.5	ء el
2	0.378	3	0.376	0.11	0.111	4100	5200	82200	81360	104200	103200	0.90	11.3	AF Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			No	ote: on	ly two s	amples f	or tensile	and one	sample f	or bend	test			
#3	Bar Ben	d Test	Through	180° is	s Satisfa	ectory	Bend T	est						

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

Ref: <u>CED/TFL/09/1925</u> Dated: <u>09-09-2022</u>

Dated of Test: 12-09-2022

To

M/s National Technocommercial Services (Private) Limited Lahore

Subject: - BREAKING LOAD TEST OF LUG MK 59 (NTS with Harding) (Page # 1/2)

Reference to your Letter No. NTS/DC-Lug59/DC/22, dated: 09/09/2022, on the subject cited above. One Lug (dia 44 mm, Length 66.5mm) with assembly as received by us has been tested. The results are shown below:

Breaking Load : 14500 kg

Remarks : Lug was broken

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

Ref: <u>CED/TFL/09/1925</u> Dated: <u>09-09-2022</u>

Dated of Test: <u>12-09-2022</u>

To

M/s National Technocommercial Services (Private) Limited Lahore

Subject: - BREAKING LOAD TEST OF LUG MK 43A (NTS with Harding) (Page # 2/2)

Reference to your Letter No. NTS/DC-Lug43A/22, dated: 09/09/2022, on the subject cited above. One Lug (dia 44 mm, Length 59mm) with assembly as received by us has been tested. The results are shown below:

Breaking Load : 14700 kg

Remarks : Lug was broken

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