



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
(Infra Dev Works, Sector-E, DHA Ph-IX)(M/s Inland)

Reference # CED/TFL **33750** (Dr. Qasim Khan)
Reference of the request letter # 408/241/E/Lab/679/91

Dated: 29-08-2019
Dated: 29-08-2019

Tension Test Report (Page -1/1)

Date of Test 30-08-2019
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	0.366	3	0.370	0.11	0.108	3200	5100	64200	65530	102200	104500	1.10	13.8	City Steel
2	0.370	3	0.372	0.11	0.109	3100	5000	62200	62810	100200	101300	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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
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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



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To,
M/S Five Star Corporation
Bahawalpur
(Construction of Noor Care Hospital Rajanpur)

Reference # CED/TFL **33751** (Dr. Qasim Khan)
Reference of the request letter # 643/UET/LHR

Dated: 29-08-2019
Dated: 28-08-2019

Tension Test Report (Page -1/1)

Date of Test 30-08-2019
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	0.419	3/8	0.396	0.11	0.123	4200	5600	84200	75140	112300	100200	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
 Marketing Manager
 Sheikh of Sialkot (Pvt) Ltd, Sialkot
 Concrete Tank for Water Treatment Plant at Sheikh of Sialkot

Reference # CED/TFL **33752** (Dr. Qasim Khan)
 Reference of the request letter # Nil

Dated: 29-08-2019
 Dated: 29-08-2019

Tension Test Report (Page -1/1)

Date of Test 30-08-2019
 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	0.359	3/8	0.366	0.11	0.105	3800	4800	76200	79470	96200	100400	1.00	12.5	
2	0.360	3/8	0.367	0.11	0.106	3900	5000	78200	81220	100200	104200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
M/S Ali Hussain Engineering
Lahore
(Akhuwat University Mustafa abad Kasur)(Afco Steel)

Reference # CED/TFL **33753** (Dr. Qasim Khan)
Reference of the request letter # AKT-TST-01

Dated: 29-08-2019
Dated: 29-08-2019

Tension Test Report (Page -1/1)

Date of Test 30-08-2019
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	0.389	3	0.381	0.11	0.114	3200	5300	64200	61760	106200	102300	1.10	13.8	
2	0.376	3	0.375	0.11	0.110	3200	5200	64200	63860	104200	103800	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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To,
 Executive Engineer
 Highway Division, Gujranwala

Reference # CED/TFL **33756** (Dr. Qasim Khan)
 Reference of the request letter # 648/CB

Dated: 29-08-2019

Dated: 06-08-2019

Tension Test Report (Page -1/1)

Date of Test 30-08-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile 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	0.369	3/8	0.372	0.11	0.108	3400	4900	68200	69120	98200	99700	1.10	13.8	
2	0.369	3/8	0.371	0.11	0.108	3400	4800	68200	69180	96200	97700	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

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