



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

To,
 Amir Waris
 Honda Car Site Lahore

Reference # CED/TFL **36431** (Dr. Qasim Khan)
 Reference of the request letter # Nil

Dated: 06-05-2021
 Dated: 06-05-2021

Tension Test Report (Page -1/1)

Date of Test 17-05-2021
 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	0.373	3	0.373	0.11	0.110	3000	4700	60200	60360	94200	94600	1.20	15.0	
2	0.372	3	0.373	0.11	0.109	3000	4700	60200	60520	94200	94900	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 Laboratories
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,
Manager Construction
Orient Electronics (Pvt) Ltd
Construction of Orient Square Hotel Tower Johar Town

Reference # CED/TFL **36432** (Dr. Qasim Khan)
2021

Dated: 06-05-

Reference of the request letter # OSH-SO/UET/AfcoSteelTest/06-0521-09 Dated: 06-05-2021

Bend Test Report (Page -1/1)

Date of Test 17-05-2021

Description Deformed Steel Bar Bend Test as per ASTM-A615

Bend Test
32mm Dia Bar Bend Test Through 180° is Satisfactory
32mm Dia Bar Bend Test Through 180° is Satisfactory
Note: only two samples for bend test

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,
M/S Imperium Hospitality (Pvt) Limited
Gulberg II, Lahore

Reference # CED/TFL **36435** (Dr. Qasim Khan)
Reference of the request letter # IHPL/Steel/073

Dated: 06-05-2021
Dated: 04-05-2021

Tension Test Report (Page -1/1)

Date of Test 17-05-2021
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	0.387	3	0.380	0.11	0.114	3500	4800	70200	67870	96200	93100	1.10	13.8	PCS Steel
2	0.381	3	0.377	0.11	0.112	3800	4900	76200	74850	98200	96600	1.20	15.0	
3	0.388	3	0.381	0.11	0.114	3700	4800	74200	71540	96200	92900	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
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To,
 Admin Officer
 The Trust School
 Construction of Proposed The Trust School for Amir Town Harbanspura, Lahore

Reference # CED/TFL **36437** (Dr. Qasim Khan) Dated: 07-05-2021
 Reference of the request letter # SBL/2021/UET-TEDDS/1222 Dated: 07-05-2021

Tension Test Report (Page -1/1)

Date of Test 17-05-2021
 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	0.381	3	0.378	0.11	0.112	3300	4700	66200	64980	94200	92600	1.50	18.8	Kamran Steel
2	0.373	3	0.374	0.11	0.110	3400	4700	68200	68390	94200	94600	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,
 Resident Engineer
 Sialkot Tannery Association (Guarantee) Limited
 Construction of Common Effluent Treatment Plant for Sialkot Tannery Zone

Reference # CED/TFL **36438** (Dr. Qasim Khan)
 Reference of the request letter # Nil

Dated: 07-05-2021
 Dated: 04-05-2021

Tension Test Report (Page -1/1)

Date of Test 17-05-2021
 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	0.406	10	9.91	0.12	0.119	3400	5300	62464	62740	97370	97900	1.40	17.5	Afco Steel
2	0.403	10	9.86	0.12	0.118	3400	5300	62464	63340	97370	98800	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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To,
M.D
Baig Construction
Works at Marqaz Islami Ijtimah Chowk Raiwind

Reference # CED/TFL **36439** (Dr. Qasim Khan)
Reference of the request letter # Nil

Dated: 17-05-2021
Dated: 17-05-2021

Tension Test Report (Page -1/1)

Date of Test 17-05-2021
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	0.372	3	0.373	0.11	0.109	3000	4900	60200	60480	98200	98800	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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