



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

Ref: CED/TFL/01/1102

Dated: 21-03-2022

Dated of Test: 29-03-2022

To

Resident Engineer

NESPAK

Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad km 6.20 to km 80.35 Length 74.15 km in District Gujranwala & Hafizabad

Subject: **TESTING OF R.C.C. PIPE [ASTM-C76 - 08a]**

Reference to your letter No. SA-466F/103/GH/ML/Lab/14, dated 03.03.2022 on the subject cited above. One R.C.C. Pipe as received by us has been tested.

The results are tabulated as under.

Sr. No	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	12	7.84	7.37	16.14	12.08	2.03	9800	15000	2912	4458

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

Ref: CED/TFL/01/1115

Dated: 24-03-2022

Dated of Test: 29-03-2022

To
Assistant Project Director
PMU-SBP (Faisalabad)
Construction of Tehsil Sports Complex Samundri District Faisalabad

Subject: TESTING OF R.C.C. PIPE [ASTM-C76 - 08a] (Page # 1/2)

Reference to your letter No. APD/PMU/SBP/TEST/81(A), dated 31.05.2021 on the subject cited above. One R.C.C. Pipe as received by us has been tested.

The results are tabulated as under.

Sr. No	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	9	7.82	7.34	10.98	8.47	1.25	5500	9000	2340	3830

I/C Testing Laboratories
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

Ref: CED/TFL/01/1115

Dated: 24-03-2022

Dated of Test: 29-03-2022

To
Assistant Project Director
PMU-SBP (Faisalabad)
Construction of Multipurpose Sports Complex at Chund Bharwana Tehsil & District
Jhang

Subject: TESTING OF R.C.C. PIPE [ASTM-C76 - 08a] (Page # 2/2)

Reference to your letter No. APD/PMU/SBP/TEST/134(A), dated
16.12.2021 on the subject cited above. One R.C.C. Pipe as received by us has been tested.

The results are tabulated as under.

Sr. No	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	9	7.80	7.34	11.18	8.73	1.22	5600	8000	2311	3301

I/C Testing Laboratories
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

Ref: CED/TFL/01/1134

Dated: 28-03-2022

Dated of Test: 29-03-2022

To
GM Development
Vision Developers Pvt. Ltd.
Park View City Lahore

Subject: TESTING OF R.C.C. PIPE [ASTM-C76 - 08a]

Reference to your letter No. Nil, dated 21.03.2022 on the subject cited above. Two R.C.C. Pipes as received by us have been tested. The results are tabulated as under.

Sr. No	Nominal Size	Total Length	Loaded Length	External Diameter	Internal Diameter	Wall Thickness	Proof load	Ultimate Load	Proof Stress	Ultimate Stress
	(inch)	(foot)	(foot)	(inch)	(inch)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	9	7.73	7.29	12.52	9.04	1.74	11500	19000	4616	7626
2	9	7.79	7.28	12.56	9.14	1.71	19000	29500	7547	11718

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,
 Assistant Executive Engineer (Civil)
 KBCMA, CVAS Narowal
 Construction of Academic Block at College of Veterinary & Animal Sciences Narowal

Reference # CED/TFL **1135** (Dr. Usman Akaml)
 Reference of the request letter # A.E.E/NC/-57

Dated: 28-03-2022
 Dated: 02-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.387	3/8	0.380	0.11	0.114	3300	5100	66200	63970	102200	98900	1.20	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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
 United Lifestyle (Pvt) Ltd
 A High Rise Building “Skyscraper by United” at Johar Town, Lahore

Reference # CED/TFL **1136** (Dr. Usman Akmal)
 Reference of the request letter # ULS/2021-22/009

Dated: 28-03-2022
 Dated: 26-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.410	3	0.392	0.11	0.121	3600	5300	72200	65790	106200	96900	1.40	17.5	
2	0.405	3	0.389	0.11	0.119	3600	5300	72200	66610	106200	98100	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 Project Director (North-3)
 WASO-PAEC
 “Construction of 120 Rooms Residential Building for Friendship FFP Site”

Reference # CED/TFL 1137 (Dr. Usman Akmal)
 Reference of the request letter # WASO-CMD-LOI-158/C

Dated: 28-03-2022
 Dated: 28-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.367	3	0.371	0.11	0.108	3670	5120	73600	74960	102600	104600	1.50	18.8	Al-Moiz Steel
2	0.380	3	0.377	0.11	0.112	3690	5520	74000	72900	110700	109100	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.

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 Director (North-3)
 WASO-PAEC
 “Construction of 120 Rooms Residential Building for Friendship FFP Site”

Reference # CED/TFL **1138** (Dr. Usman Akmal)

Dated: 28-03-2022

Reference of the request letter # WASO-CMD-LOI-158/C-A

Dated: 28-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022

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	0.374	0.11	0.110	3790	5150	76000	76210	103200	103600	1.40	17.5	Al-Moiz Steel
2	0.376	3	0.375	0.11	0.110	3770	5270	75600	75200	105600	105200	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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STRUCTURAL ENGINEERING DIVISION
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 1139 (Dr. Usman Akaml)
 Reference of the request letter # LG-II/014

Dated: 28-03-2022
 Dated: 24-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.436	3	0.404	0.11	0.128	4590	6090	92000	79020	122100	104900	1.30	16.3	FF Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample 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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STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,
 Sub Divisional Officer
 Buildings Sub Division No. 5
 Lahore
 (Construction of 3 No Class Rooms with Verandah at First Floor at Govt Post Graduate College for Women Wahdat Colony, Lahore)

Reference # CED/TFL **1140** (Dr. Usmann Akmal)
 Reference of the request letter # 598/5th

Dated: 28-03-2022
 Dated: 12-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.387	3/8	0.381	0.11	0.114	4100	5170	82200	79420	103600	100200	1.20	15.0	
2	0.382	3/8	0.378	0.11	0.112	4790	5660	96000	94020	113500	111100	0.80	10.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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.

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,
 Sub Divisional Officer
 Buildings Sub Division No. 5
 Lahore
 (Construction of 3 No Class Rooms with Verandah at First Floor at Govt Islamia College of
 Commerce Ravi Block, Lahore)

Reference # CED/TFL **1141** (Dr. Usmann Akmal)
 Reference of the request letter # 564/5th

Dated: 28-03-2022
 Dated: 28-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.386	3/8	0.380	0.11	0.113	4200	5100	84200	81570	102200	99100	0.80	10.0	
2	0.385	3/8	0.380	0.11	0.113	4100	5100	82200	79770	102200	99300	0.75	9.4	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

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
 AZ Engineering Associates
 Rehabilitation / Widening / Improvement / Construction of Metalled Road from Vako Mor to
 Cheena Adda Link Inayat abad Shahani Road Length = 11.10 km Width = 24 feet District
 Bakkar

Reference # CED/TFL **1143** (Dr. Usman Akmal) Dated: 28-03-2022
 Reference of the request letter # AZEA/MWL/BKR/City/LAB/UET/059 Dated: 28-02-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.377	0.11	0.112	3500	5300	70200	68930	106200	104400	1.20	15.0	
2	0.379	3	0.376	0.11	0.111	3300	5000	66200	65350	100200	99100	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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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
 Construction / Improvement and Rehabilitation of at Grand Works on Lahore Orange Line Metro
 Train Corridor “Additional / Allied Works (Package-II)”

Reference # CED/TFL **1146** (Dr. Usman Akmal)
 Reference of the request letter # 4042/02/NESPAK/01

Dated: 28-03-2022
 Dated: 27-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile 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	0.361	3	0.368	0.11	0.106	3590	5150	72000	74590	103200	107000	1.10	13.8	Ittefaq Steel
2	0.366	3	0.370	0.11	0.108	3100	4800	62200	63540	96200	98400	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend 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,
 Project Manager
 CCECC-MATRACON-HABIB Joint Venture
 Re-Construction & Up-gradation of Main Runway (18L/36R) at Allama Iqbal International
 Airport (AIIAP), Lahore
 (Batala Steel)

Reference # CED/TFL **1147** (Dr. Usman Akmal)

Dated: 28-03-2022

Reference of the request letter # AIIAP/CCECC-MATRACON-HABIB Jv/2021/942

Dated: 28-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022

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	Heat No.
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.444	10	10.35	0.12	0.131	-----	7590	-----	-----	139441	128200	0.60	7.5	679
2	0.446	10	10.37	0.12	0.131	-----	8120	-----	-----	149178	136600	0.60	7.5	691
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Note: only two samples for tensile and two samples for bend test														
Bend Test														
10mm Dia Bar Bend Test Through 180° is Satisfactory														
10mm Dia 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
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,
 Resident Engineer
 Osmani & Company (Pvt) Ltd
 Construction of Wet Well & Dry Well and Sewer Lines Crossing Under Railway Line in Phase-II at M-3 Industrial City near Sahianwala Interchange, M-4 Motorway, Faisalabad
 Reference # CED/TFL **1148** (Dr. Usman Akmal) Dated: 28-03-2022
 Reference of the request letter # CRE/M3IC/FIC-053/Lab/27 Dated: 26-03-2022

Tension Test Report (Page -1/1)

Date of Test 29-03-2022
 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	0.442	3	0.407	0.11	0.130	-----	8200	-----	-----	164300	139200	0.30	3.8	Kisan Steel
2	0.427	3	0.400	0.11	0.126	5600	6600	112300	98260	132300	115800	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

Note:

- 1- You can See your reports On Internet in the following web site
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