



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/11/6032

Dated: 21-11-2024

Dated of Test: 26-11-2024

To

DTL/RE
Jers Consultancy (Pvt) Ltd.
Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP)
Package 02 Kahrar Pakka.

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

Reference to your letter No. 490-jo1-co-290, dated 01.11.2024 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	7.71	7.34	16.14	12.06	2.04	11500	15500	3436	4632

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/11/6033

Dated: 21-11-2024

Dated of Test: 26-11-2024

To

DTL/RE

Jers Consultancy (Pvt) Ltd.

Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP)

Package 03 & 04 Kahrar Pakka.

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

Reference to your letter No. 490-jo1-co-291, dated 01.11.2024 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	7.74	7.34	16.06	12.05	2.01	11100	14500	3322	4340

I/C Testing Laboratories
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/11/6035

Dated: 21-11-2024

Dated of Test: 26-11-2024

To

Garrison Engineer Services
Okara
(CA No. CEA-CZ - 02/2025 - Upgrd of Swewrage at Okara Cantt.)

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

Reference to your letter No. 6622/09/E-6, dated 24.10.2024 on the subject cited above. Four 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	6	5.82	6.43	7.80	6.23	0.78	1900	2500	1255	1652
2	9	7.77	7.34	11.22	8.70	1.26	7500	9500	3108	3937
3	12	7.79	7.32	16.14	12.05	2.05	12000	14500	3599	4348
4	24	7.74	7.19	30.12	24.01	3.06	9470	15860	1452	2432

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,

M/S Al Mustafa Contractor (Pvt) Limited.
Lahore
(Site Bounded Warehouse Sialkot Dry Port Trust (SDPT))

Reference # CED/TFL **6042** (Dr. M Rizwan Riaz)
Reference of the request letter # AMC/UET/2022-24

Dated: 25-11-2024
Dated: 22-11-2024

Tension Test Report (Page -1/1)

Date of Test 26-11-2024
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	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.364	10	9.37	0.12	0.107	3600	4800	66138	74180	88184	99000	1.20	15.0	FF Steel
2	0.364	10	9.37	0.12	0.107	3600	4800	66138	74180	88184	99000	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two sample 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.

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

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