



**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/11/37424

Dated: 25-11-2021

Dated of Test: 29-11-2021

To  
**Deputy General Manager (Projects)**  
**Lahore Smart City**  
**Development of Lahore Smart City**

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

Reference to your letter No. L-LSC-MISC-21-79, dated 25.11.2021 on the subject cited above. Two R.C.C. Pipes 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)	(foot)	(foot)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	12	7.74	7.29	1.33	0.97	2.15	12500	20100	3897	6266
2	15	7.74	7.29	1.62	1.24	2.33	9500	16500	2326	4039

**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](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



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Ref: CED/TFL/11/37425

Dated: 25-11-2021

Dated of Test: 29-11-2021

To  
**Chief Engineer/Project Director**  
**University of Education, Lahore**  
**Sewerage & Water Supply Line Under Development Project Strengthening of**  
**University of Education, Lahore**

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

Reference to your letter No. UE/Engg/CE/21/919, dated 25.10.2021 on the subject cited above. Two R.C.C. Pipes 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)	(foot)	(foot)	(inch)	(kg)	(kg)	Pound/Linear foot/foot	Pound/Linear foot/foot
1	15	7.74	7.30	1.62	1.23	2.35	9100	15400	2231	3776
2	18	7.79	7.36	1.93	1.50	2.57	7000	10100	1398	2017

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

Note:

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