



# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

8502

Dr. M. Yousaf

To: Mr. Muhammad Imran  
Senior Project Manager, IDAP

Project: Nil

Our Ref. No. CL/CED/ 6823

Dated: 24-12-24

Test Specification

Your Ref. No. SPM(NETZERO)/IDAP/2024/21062

Dated: 23-12-24

(ASTM C39)

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 24-12-24 Tested on: 24-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	---	16	12	2024	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	---	16	12	2024	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
3	---	16	12	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
4	---	17	12	2024	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
5	---	17	12	2024	6Diax12	---	14	28.28	38	3010	---	Non Engraved
6	---	17	12	2024	6Diax12	---	13.6	28.28	41	3248	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory