



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4066
 Dr. Yousaf

To: Mr. Arfan Bhatti
 Rahat Hafeez Builders, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 101

Dated: 18-10-22

Test Specification

Your Ref. No. 22(OTO)02

Dated: 17-10-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **17-10-22** Tested on: **18-10-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Solid Block	---	---	---	12 x 5.9 x 7.4	---	17.8	70.8	22	696	---	---
2	Solid Block	---	---	---	12 x 5.9 x 7.4	---	18	70.8	37	1171	---	---
3	Solid Block	---	---	---	12 x 5.9 x 7.3	---	18	70.8	24	759	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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



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4074
 Dr. Yousaf

To: Engr. Tayyab Naseer
 ZAMEEN QUADRANGLE

Project: Nil

Our Ref. No. CL/CED/ 102

Dated: 18-10-22

Test Specification

Your Ref. No. ZD/GSW/01

Dated: 17-10-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-10-22 Tested on: 18-10-22 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4000 Psi	19	9	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	4000 Psi	19	9	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
3	4000 Psi	19	9	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	4500 Psi	19	9	2022	6Diax12	---	14	28.28	70	5545	---	Non Engraved
5	4500 Psi	19	9	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
6	4500 Psi	19	9	2022	6Diax12	---	13	28.28	69	5465	---	Non Engraved
7	6000 Psi	19	9	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
8	6000 Psi	19	9	2022	6Diax12	---	14	28.28	72	5703	---	Non Engraved
9	6000 Psi	19	9	2022	6Diax12	---	14.6	28.28	55	4356	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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