



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.

3767
 Dr. Umbreen

To: Mr. Ameen Firdous
 Civil Engineer & Technologists, Prime Builders, Gulberg III, Lahore.

Project: B-45, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 9657

Dated: 25/08/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/8/2022 **Tested on:** 25/08/2022 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	27	7	2022	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
2	4000 Psi	27	7	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	4000 Psi	27	7	2022	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Faisal Hussain, CNIC # 44203-8540472-5

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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ORIGINAL
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3723
 Dr. Umbreen

To: Senior Project Manager
 Shifa Development Services Pvt Ltd

Project: Under Construction Site of Shifa National Hospital, Opposite Al-Qadar Garden, Lahore
 Sheikhpura Road, Faisalabad.

Our Ref. No. CL/CED/ 9658

Dated: 25/08/2022

Test Specification

Your Ref. No. SNHF/SDS/CT/01

Dated: 16/8/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 16/8/2022 Tested on: 23/08/2022 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	SNHF/CMUs/01 (6 inch)	15	7	2022	12.0x6.0x8.0	---	21.2	72	77	2396	---	Solid Block
2	SNHF/CMUs/01 (6 inch)	15	7	2022	12.0x5.8x8.0	---	21	69.6	65	2092	---	Solid Block
3	SNHF/CMUs/01 (6 inch)	15	7	2022	12.0x5.9x8.0	---	21	70.8	77	2436	---	Solid Block
4	SNHF/CMUs/02 (4 inc)	4	7	2022	11.9x4.0x8.0	---	14	47.6	57	2682	---	Solid Block
5	SNHF/CMUs/02 (4 inch)	4	7	2022	12.0x3.9x8.0	---	14.2	46.8	61	2920	---	Solid Block
6	SNHF/CMUs/02 (4 inch)	4	7	2022	11.9x4.0x8.0	---	14	47.6	45	2118	---	Solid Block
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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