



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.

6122
 Dr. M. Yousaf

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre Lahore. (B3 Slab, Pour-1, N'~F'/1'~4')

Our Ref. No. CL/CED/ 3298

Dated: 24-10-23

Test Specification

Your Ref. No. HMBDPL/S.O/10/23/74th (LHR)

Dated: 23-10-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-10-23 Tested on: 24-10-23 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	CT-40 (3500 Psi)	23	9	2023	6Diax12	---	14.4	28.28	38	3010	---	Non Engraved
2	CT-40 (3500 Psi)	23	9	2023	6Diax12	---	13.8	28.28	30	2376	---	Non Engraved
3	CT-40 (3500 Psi)	23	9	2023	6Diax12	---	15	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Haseeb Afzal, CNIC # 34101-9592859-3

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

- * 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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6078
 Dr. Aqsa

To: Mr. Zeeshan Anwar
 Project Manager, MEP Solutions Pvt. Ltd.

Project: Construction of Pathology Lab SKMCH & RC, Lahore

Our Ref. No. CL/CED/ 3299

Dated: 24-10-23

Test Specification

Your Ref. No. Nil

Dated: 16-10-23

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COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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	MBS	---	---	---	9 x 4.4 x 3	3795	3310	39.6	33	1867	14.65	---
2	MBS	---	---	---	9.1 x 4.3 x 3	3750	3320	39.13	43	2462	12.95	---
3	MBS	---	---	---	9 x 4.4 x 3	3850	3415	39.6	40	2263	12.74	---
4	MBS	---	---	---	8.9 x 4.4 x 3	3930	3500	39.16	36	2059	12.29	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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" dia x 12" 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)
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6091
 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R.)
 Resident Engineer, NESPAK (Pvt.) Ltd. (MCL Projects)

Project: Construction of Different Streets and Sewer Mohammad Din Wali Street NA-127 (PP-149)

Our Ref. No. CL/CED/ 3300

Dated: 24-10-23

Test Specification

Your Ref. No. 4048/103/BSAM/104/986

Dated: 13-10-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 17-10-23 Tested on: 24-10-23 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	F7	---	---	---	8.6 x 4.2 x 3	3750	3635	36.12	56	3473	3.16	---
2	F7	---	---	---	8.6 x 4 x 3	3650	3530	34.4	48	3126	3.4	---
3	F7	---	---	---	8.5 x 4.1 x 3	3715	3560	34.85	44	2828	4.35	---
4	F7	---	---	---	8.5 x 4.1 x 2.9	3595	3490	34.85	43	2764	3.01	---
5	F7	---	---	---	8.4 x 4.1 x 2.8	3545	3450	34.44	50	3252	2.75	---
6	F7	---	---	---	8.5 x 4.1 x 2.9	3705	3615	34.85	44	2828	2.49	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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6106
 Dr. Aqsa

To: Mr. Ishfaq Hussain
 Construction Manager, Habib Rafiq Engineering (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 3301

Dated: 24-10-23

Test Specification

Your Ref. No. HRL/DO/01/2023

Dated: 20-10-23

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COMPRESSION TEST REPORT



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

Specimens received on: 20-10-23 Tested on: 24-10-23 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	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2220	30.81	87	6325	---	---
2	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2230	30.81	83	6034	---	---
3	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2175	30.81	102	7416	---	---
4	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2115	30.81	79	5744	---	---
5	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2105	30.81	79	5744	---	---
6	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2210	30.81	83	6034	---	---
7	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2245	30.81	83	6034	---	---
8	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2260	30.81	105	7634	---	---
9	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2275	30.81	62	4508	---	---
10	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2190	30.81	90	6543	---	---
11	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2190	30.81	87	6325	---	---
12	Rectangular, Grey, 50mm	---	---	---	7.9 x 3.9 x 1.8	---	2285	30.81	84	6107	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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