



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.

6505
 Dr. M. Yousaf

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

Project: Commercial Tower, Finance Trade Centre, Lahore. (B1 Slab Pour 1, G'~N' / 1'~4')

Our Ref. No. CL/CED/ 3900

Dated: 08-01-24

Test Specification

Your Ref. No. HMBDPL/S.O/01/24/85th (LHR)

Dated: 08-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-01-24 Tested on: 08-01-24 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-69 (3500 Psi)	8	12	2023	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
2	CT-69 (3500 Psi)	8	12	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	CT-69 (3500 Psi)	8	12	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Haris Shah Syed, CNIC # 16101-2009383-5

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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL
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6487
Dr. M. Yousaf

To: Mr. Muhammad Shafiq
Assistant Resident Engineer, 16 City of Project, Package # III, Kamalia. MM Pakistan (Pvt) Ltd.
Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package III PCP), R2-Daras Ghausia to Darbar Darghai Shah Via Malkanwali Bhain Main Gate Fazil Deraan Park City. (R1-Haji Chowk to Pakistan Chowk).
Our Ref. No. CL/CED/ 3901 Dated: 08-01-24
Your Ref. No. KM/PKG03/33 Dated: 24-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-01-24 Tested on: 08-01-24 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	(1:2:4)	22	10	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	(1:2:4)	22	10	2023	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
3	(1:2:4)	22	10	2023	6Diax12	---	13	28.28	40	3168	---	Non Engraved
4	(1:2:4)	23	10	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
5	(1:2:4)	23	10	2023	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
6	(1:2:4)	23	10	2023	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Shafiq, CNIC # 36304-2378145-9

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6491
 Dr. M. Yousaf

To: Chief Engineer
MIDCITY Housing Private Limited.

Project: Over Head Water Tank (150000 Gallons) Midcity Housing Lahore.

Our Ref. No. CL/CED/ 3902

Dated: 08-01-24

Test Specification

Your Ref. No. MCH/UET/LT/01/2024/12

Dated: 04-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-01-24 Tested on: 08-01-24 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	Cylinder # 1	28	12	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	Cylinder # 3	28	12	2023	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	Cylinder # 5	28	12	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6473
 Dr. M. Yousaf

To: Mr. Omair Sadiq
 Project Manager, One Liberty Mall and H&S Hotel.

Project: One Liberty Mall and H&S Hotel Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 3903-1 of 2

Dated: 08-01-24

Test Specification

Your Ref. No. OL/OS/2023/83

Dated: 01-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-01-24 Tested on: 08-01-24 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	Col. Grid 6 to 7 (Right Side)	25	11	2023	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
2	Col. Grid 6 to 7 (Left Side)	14	11	2023	6Diax12	---	14	28.28	122	9663	---	Non Engraved
3	Lift Walls, 17th-Roof Top	10	11	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
4	Lift Walls, 17th-Roof Top	10	11	2023	6Diax12	---	14	28.28	112	8871	---	Non Engraved
5	15-16th Floor	10	11	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
6	Col. Grid 5 to 6 (Left Side)	8	11	2023	6Diax12	---	14	28.28	123	9743	---	Non Engraved
7	Col (Left Side)	4	11	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
8	Lift Walls, 17th-Roof Top	2	11	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
9	Lift Walls, 17th-Roof Top	2	11	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
10	Staircase-III, 14-15th Floor	30	11	2023	6Diax12	---	13	28.28	80	6337	---	Non Engraved
11	Staircase-III, 14-15th Floor	30	11	2023	6Diax12	---	14	28.28	115	9109	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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 Dr. M. Yousaf

To: Mr. Omair Sadiq
 Project Manager, One Liberty Mall and H&S Hotel.

Project: One Liberty Mall and H&S Hotel Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 3903-2 of 2

Dated: 08-01-24

Test Specification

Your Ref. No. OL/OS/2023/83

Dated: 01-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-01-24 Tested on: 08-01-24 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	Columns (C2,C3,C4)	25	10	2023	6Diax12	---	13.4	28.28	115	9109	---	Non Engraved
2	Columns (C2,C3,C4)	25	10	2023	6Diax12	---	13	28.28	111	8792	---	Non Engraved
3	Columns (D2,F2,F4)	22	10	2023	6Diax12	---	13.4	28.28	125	9901	---	Non Engraved
4	Columns (D2,F2,F4)	22	10	2023	6Diax12	---	15	28.28	110	8713	---	Non Engraved
5	Columns (D3,F3,D4)	20	10	2023	6Diax12	---	13.6	28.28	105	8317	---	Non Engraved
6	Columns (D3,F3,D4)	20	10	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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6492
 Dr. M.Yousaf

To: Mr. Abid Rauf
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK Pvt. Ltd.
 Project: Construction of Dual Carriageway from GT Road (Benazir Chowk) to Lahore-Sialkot Motorway (Wando Interchange) L=15.20 Km District, Gujranwala. (M/s 21 Engineer Battalion (FWO))
 Our Ref. No. CL/CED/ 3904 Dated: 08-01-24
 Your Ref. No. 103/EW/GRW/AR/Lab/39 Dated: 29-12-23

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-01-24** Tested on: **08-01-24** 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	Kerb Stone	---	---	---	6x6x6	---	8	36	56	3484	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	7.6	36	66	4107	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	7.6	36	41	2551	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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