



**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.

6379  
 Dr. Ubaid

**To:** Creative Constructors, Engineers, Builders and Developers  
 Gulberg Lahore.

**Project:** Nil

**Our Ref. No. CL/CED/** 3725

**Dated:** 14-12-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 13-12-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 13-12-23 **Tested on:** 14-12-23 **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	(1:2:4)	26	11	2023	6Diax12	---	13	28.28	24	1901	---	Non Engraved
2	(1:2:4)	26	11	2023	6Diax12	---	12.8	28.28	22	1743	---	Non Engraved
3	(1:2:4)	26	11	2023	6Diax12	---	13	28.28	24	1901	---	Non Engraved
4	(1:2:4)	27	11	2023	6Diax12	---	13	28.28	15	1188	---	Non Engraved
5	(1:2:4)	27	11	2023	6Diax12	---	13	28.28	18	1426	---	Non Engraved
6	(1:1.5:3)	29	11	2023	6Diax12	---	13	28.28	22	1743	---	Non Engraved
7	(1:1.5:3)	29	11	2023	6Diax12	---	13	28.28	27	2139	---	Non Engraved
8	(1:1.5:3)	29	11	2023	6Diax12	---	13	28.28	21	1663	---	Non Engraved
9	(1:1.5:3)	30	11	2023	6Diax12	---	13	28.28	25	1980	---	Non Engraved
10	(1:1.5:3)	30	11	2023	6Diax12	---	13	28.28	28	2218	---	Non Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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)
- 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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6344  
 Dr. M. Burhan

**To: Mr. Zahid Khan**  
 Project Manager, Unimix (Pvt.) Ltd. Ready Mix Concrete

Project: Construction of 498-N DHA Phase-1, Lahore.

Our Ref. No. CL/CED/ 3726

Dated: 14-12-23

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: 07-12-23 Tested on: 14-12-23 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	(3000 Psi)	13	8	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	(3000 Psi)	13	8	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	(3000 Psi)	13	8	2023	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
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-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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6383  
 Dr. Ubaid

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

**Project:** Construction of Commercial Tower, Finance Trade Centre Lahore. (B1 Columns N,M,J,H/1 H,G/4 N,C, A/2 A1/2' & GB lift J~M/1~2)

**Our Ref. No.** CL/CED/ 3727

**Dated:** 14-12-23

**Test Specification**

**Your Ref. No.** HMBDPL/S.O/12/23/81th (LHR)

**Dated:** 14-12-23

(ASTM C39)

## 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	CT-60(6000 Psi)	16	11	2023	6Diax12	---	13	28.28	61	4832	---	Non Engraved
2	CT-60(6000 Psi)	16	11	2023	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
3	CT-60(6000 Psi)	16	11	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ghulam Nabi

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

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 Dr. Ubaid

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore. (B1 Columns N,M,J/4 M,J,H/2)

Our Ref. No. CL/CED/ 3728

Dated: 14-12-23

Test Specification

Your Ref. No. HMBDPL/S.O/12/23/80th (LHR)

Dated: 14-12-23

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-12-23      Tested on: 14-12-23      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-58(6000 Psi)	12	11	2023	6Diax12	---	13.6	28.28	55	4356	---	Non Engraved
2	CT-58(6000 Psi)	12	11	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	CT-58(6000 Psi)	12	11	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ghulam Nabi

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6341  
 Dr. Ubaid

To: Mr. Sadat Waleed Ansari  
 Chief Resident Engineer/TL, JERS Consultancy (Pvt) Ltd.

Project: Improvement of Jalal Pur Bhattiyan Road & Bijli Mohallah Road in Hafizabad City. (Punjab Cities Program (PCP)-PMDFC)

Our Ref. No. CL/CED/ 3729

Dated: 14-12-23

Test Specification

Your Ref. No. 488-J01-08-03/CS/05

Dated: 06-12-23

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## COMPRESSION TEST REPORT



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

Specimens received on: 06-12-23 Tested on: 14-12-23 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	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4705	36.99	137	8296	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4660	36.99	181	10961	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4610	36.99	146	8841	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4695	36.99	110	6661	---	---
5	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4635	36.99	132	7994	---	---
6	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4725	36.99	135	8175	---	---
7	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4647	36.99	127	7691	---	---
8	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4640	36.99	129	7812	---	---
9	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4590	36.99	133	8054	---	---
10	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4570	36.99	167	10113	---	---
11	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4705	36.99	139	8417	---	---
12	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4885	36.99	101	6116	---	---
13	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4645	36.99	125	7570	---	---
14	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4625	36.99	141	8539	---	---
15	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4665	36.99	127	7691	---	---
16	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4640	36.99	144	8720	---	---

Witnessed by: Mr. M. Zubair Khan, PMDFC & Mr. Syed Musa Masood, JERS Consultancy Pvt. Ltd.

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory