



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.

4985
 Dr. Aqsa

To: Engr's. Muhammad Ahsan
 Project Manager, OZ Developers Pvt. Ltd. Rising Beyond

Project: Constructing a High-Rise Building "Bahria Sky" at Bahria Orchard Phase 4, Lahore.

Our Ref. No. CL/CED/ 1534

Dated: 22-03-23

Test Specification

Your Ref. No. Nil

Dated: 20-03-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20-03-23 **Tested on:** 21-03-23 **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	---	11	3	2023	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	---	11	3	2023	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
3	---	11	3	2023	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
4	---	11	3	2023	6Diax12	---	14	28.28	41	3248	---	Non Engraved
5	---	11	3	2023	6Diax12	---	14	28.28	37	2931	---	Non Engraved
6	---	11	3	2023	6Diax12	---	14.4	28.28	36	2851	---	Non Engraved
7	---	11	2	2023	6Diax12	---	13.6	28.28	91	7208	---	Non Engraved
8	---	11	2	2023	6Diax12	---	13.6	28.28	97	7683	---	Non Engraved
9	---	11	2	2023	6Diax12	---	14	28.28	104	8238	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Abdul Waheed, CNIC # 13503-2830062-1

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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4988
 Dr. Aqsa

To: Mr. Tauheed Muhammad
 Mohallah Inamabad, Muzaffargarh. (Al-Qasim Construction Pvt. Ltd.)

Project: Construction of Water Tank.

Our Ref. No. CL/CED/ 1535

Dated: 22-03-23

Test Specification

Your Ref. No. Nil

Dated: 21-03-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-03-23 Tested on: 21-03-23 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	---	14	3	2023	6x6x6	---	9	36	70	4356	---	Non Engraved
2	---	14	3	2023	6x6x6	---	8.8	36	80	4978	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Tauheed Muhammad, CNIC # 32304-3220061-9

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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4994
 Dr. M. Mazhar

To: Baig Construction Co. (Engineers and Contractors)
 Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Khayaban-e-Jinnah, Road Lahore.

Our Ref. No. CL/CED/ 1536

Dated: 22/3/2023

Test Specification

Your Ref. No. 22032023BCC

Dated: 22/3/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: **22/03/2023** Tested on: **22/3/2023** 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. Gr. B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	Col. Gr.B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
3	Col. Gr.B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
4	Col. Gr.B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
5	Col. Gr.B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
6	Col. Gr.B,C,D,E/6 - 5500 Psi	20	2	2023	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Muhammad Yasin, CNIC 16102-7094244-7

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Director/Dy. Director Concrete Laboratory



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4994
 Dr. M. Mazhar

To: Baig Construction Co. (Engineers and Contractors)
 Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Khayaban-e-Jinnah, Road Lahore.

Our Ref. No. CL/CED/ 1537

Dated: 22/3/2023

Test Specification

Your Ref. No. 22032023BCC

Dated: 22/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/03/2023 **Tested on:** 22/3/2023 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	Raft Grid B to F/7-3750 Psi	12	2	2023	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
2	Raft Grid B to F/7-3750 Psi	12	2	2023	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	Raft Grid B to F/7-3750 Psi	12	2	2023	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Muhammad Yasin, CNIC 16102-7094244-7

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
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4984
 Dr. M. Mazhar

To: Eng. Asad Rashid Choudhary, P.E.
 Speed Construction Management (SCM)

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town Lahore

Our Ref. No. CL/CED/ 1538

Dated: 22/3/2023

Test Specification

Your Ref. No. SCM-CVP-08-23

Dated: 20/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/03/2023 Tested on: 22/3/2023 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	Concrete Cylinder	19	2	2023	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	Concrete Cylinder	19	2	2023	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
3	Concrete Cylinder	19	2	2023	6Diax12	---	13	28.28	43	3406	---	Engraved
4	Concrete Cylinder	19	2	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- **** 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4989
 Dr. M. Mazhar

To: Engr. Muhammad Ali Murtaza
 District Faisalabad.

Project: Construction of International School, Pine Avenue, Lahore

Our Ref. No. CL/CED/ 1539-1 of 2

Dated: 22/3/2023

Test Specification

Your Ref. No. Nil

Dated: 21/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/03/2023 Tested on: 22/3/2023 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)	28	1	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	(4000 Psi)	28	1	2023	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
3	(4000 Psi)	30	1	2023	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
4	(4000 Psi)	30	1	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
5	(4000 Psi)	31	1	2023	6Diax12	---	14.2	28.28	112	8871	---	Non Engraved
6	(4000 Psi)	31	1	2023	6Diax12	---	14.4	28.28	106	8396	---	Non Engraved
7	(3000 Psi)	5	2	2023	6Diax12	---	13	28.28	102	8079	---	Non Engraved
8	(3000 Psi)	5	2	2023	6Diax12	---	13.6	28.28	92	7287	---	Non Engraved
9	(3000 Psi)	6	2	2023	6Diax12	---	14	28.28	93	7366	---	Non Engraved
10	(3000 Psi)	6	2	2023	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
11	(4000 Psi)	8	2	2023	6Diax12	---	14.2	28.28	96	7604	---	Non Engraved
12	(4000 Psi)	8	2	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
13	(4000 Psi)	10	2	2023	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
14	(4000 Psi)	10	2	2023	6Diax12	---	14	28.28	88	6970	---	Non Engraved
15	(4000 Psi)	12	2	2023	6Diax12	---	14	28.28	96	7604	---	Non Engraved
16	(4000 Psi)	12	2	2023	6Diax12	---	13.6	28.28	98	7762	---	Non Engraved

Witnessed by:

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4989
 Dr. M. Mazhar

To: Engr. Muhammad Ali Murtaza
 District Faisalabad.

Project: Construction of International School, Pine Avenue, Lahore

Our Ref. No. CL/CED/ 1539-2 of 2

Dated: 22/3/2023

Test Specification

Your Ref. No. Nil

Dated: 21/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **21/03/2023** Tested on: **22/3/2023** 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)	16	2	2023	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	(3000 Psi)	16	2	2023	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	(3000 Psi)	17	2	2023	6Diax12	---	13.6	28.28	98	7762	---	Non Engraved
4	(3000 Psi)	17	2	2023	6Diax12	---	13.4	28.28	94	7446	---	Non Engraved
5	(3000 Psi)	19	2	2023	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
6	(3000 Psi)	19	2	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
7	(4000 Psi)	21	2	2023	6Diax12	---	13.8	28.28	100	7921	---	Non Engraved
8	(4000 Psi)	21	2	2023	6Diax12	---	14	28.28	110	8713	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory