



**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.

5461  
 Engr. Ubaid

To: Mr. Muhammad Yousaf  
 KYAAS SOLUTIONS, 17Km Main Ferozepur Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 2235

Dated: 22-06-23

Test Specification

Your Ref. No. KSOL/01/A

Dated: 21-06-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22-06-23 Tested on: 22-06-23 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	---	8	6	2023	6 x 6 x 6	---	8.4	36	32	1991	---	Non Engraved
2	---	8	6	2023	6 x 6 x 6	---	8.4	36	32	1991	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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)
- 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**  
 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.

5456  
 Engr. Ubaid

To: Engr. Muhammad Umar  
 E&dc Associates.

Project: Construction of House Officers Hostel at CKMC, Kharian Cantt.

Our Ref. No. CL/CED/ 2236

Dated: 22-06-23

Test Specification

Your Ref. No. E&dc-080/11

Dated: 20-06-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **21-06-23** Tested on: **22-06-23** 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	F.F Slab HOH Bldg. (3000 Psi)	21	5	2023	6Diax12	---	13.2	28.28	53	4198	---	Engraved
2	F.F Slab HOH Bldg. (3000 Psi)	21	5	2023	6Diax12	---	13	28.28	70	5545	---	Engraved
3	F.F Slab HOH Bldg. (3000 Psi)	21	5	2023	6Diax12	---	13	28.28	66	5228	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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.

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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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5459  
 Engr. Ubaid

To: Engr. Zaheer ud din Babar  
 Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky-Gardens Tower, Lahore

Our Ref. No. CL/CED/ 2237

Dated: 22-06-23

Test Specification

Your Ref. No. HRLE/SKG/2023/0128

Dated: 21-06-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 21-06-23 Tested on: 22-06-23 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	Trial # 78 (6000 Psi)	24	5	2023	6Diax12	---	14.4	28.28	100	7921	---	Non Engraved
2	Trial # 78 (6000 Psi)	24	5	2023	6Diax12	---	14	28.28	97	7683	---	Non Engraved
3	Trial # 78 (6000 Psi)	24	5	2023	6Diax12	---	14.2	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

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Director/Dy. Director Concrete Laboratory



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5442  
 Engr. Ubaid

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

Project: Construction of New Building at Plot No.25, Road 13, Khyaban-e- Kheruddin Housing Scheme, Johar Town, Lahore.

Our Ref. No. CL/CED/ 2238

Dated: 22-06-23

Test Specification

Your Ref. No. SCM-203B-03-23

Dated: 19-06-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **20-06-23** Tested on: **22-06-23** 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	---	13	6	2023	6Diax12	---	14	28.28	30	2376	---	Non Engraved
2	---	13	6	2023	6Diax12	---	13	28.28	19	1505	---	Non Engraved
3	---	13	6	2023	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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5405  
 Engr. Ubaid

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/ 2239

Dated: 22-06-23

Test Specification

Your Ref. No. OL/OS/2023/52

Dated: 15-06-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **15-06-23** Tested on: **22-06-23** 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	Col. (D5, F4), 16th - 17th floor	18	5	2023	6Diax12	---	13.2	28.28	107	8475	---	Non Engraved
2	Col. (D5, F4), 16th - 17th floor	18	5	2023	6Diax12	---	14	28.28	88	6970	---	Non Engraved
3	Col. (D5, F4), 16th - 17th floor	18	5	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
4	Col. (F8,E8), 16th - 17th floor	16	5	2023	6Diax12	---	13.6	28.28	109	8634	---	Non Engraved
5	Col. (F8,E8), 16th - 17th floor	16	5	2023	6Diax12	---	13.2	28.28	95	7525	---	Non Engraved
6	Col. (F8,E8), 16th - 17th floor	16	5	2023	6Diax12	---	14	28.28	113	8950	---	Non Engraved
7	Cols. A7,A6,F5 & RCC Wall	12	5	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
8	Cols. A7,A6,F5 & RCC Wall	12	5	2023	6Diax12	---	13.4	28.28	107	8475	---	Non Engraved
9	Cols. A7,A6,F5 & RCC Wall	12	5	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Yasir Iqbal, Site Supervisor, One Liberty, CNIC # 35201-4432046-5

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
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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

5383  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Buildings Sub Division No.15 Lahore.  
**Project:** Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (RCC Raft, Bachelor Block)  
**Our Ref. No.** CL/CED/ 2240      **Dated:** 22-06-23  
**Your Ref. No.** 3286      **Dated:** 05-06-23

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12-06-23** Tested on: **22-06-23** 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	10	5	2023	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	3000 Psi	10	5	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	3000 Psi	10	5	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 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**  
 A carbon copy for the report has been retained in the lab for record.

5383  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Buildings Sub Division No.15 Lahore.  
 Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (Second Floor Slab, Family Block)  
 Our Ref. No. CL/CED/ 2241      Dated: 22-06-23  
 Your Ref. No. 3284      Dated: 05-06-23

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12-06-23** Tested on: **22-06-23** 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	3	5	2023	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	3000 Psi	3	5	2023	6Diax12	---	12.6	28.28	59	4673	---	Non Engraved
3	3000 Psi	3	5	2023	6Diax12	---	12.6	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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5383  
 Engr. Ubaid

To: Sub Divisional Officer  
 Buildings Sub Division No.15 Lahore.

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (Basement (i) Slab, Parking Area)

Our Ref. No. CL/CED/ 2242

Dated: 22-06-23

Test Specification

Your Ref. No. 3288

Dated: 05-06-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 12-06-23 Tested on: 22-06-23 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	1	5	2023	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	3000 Psi	1	5	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	3000 Psi	1	5	2023	6Diax12	---	13.2	28.28	67	5307	---	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-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