



**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.

5613  
 Dr. Umbreen

To: M/S Shahid Iqbal Builders  
 Qasim Pura Lahore Cantt.

Project: BNU Lhaore.

Our Ref. No. CL/CED/ 2477

Dated: 27-07-23

Test Specification

Your Ref. No. SiB

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-07-23 Tested on: 27-07-23 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Hostel Building (1:2:4)	22	6	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Hostel Building (1:2:4)	22	6	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

5630  
 Dr. Umbreen

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

Project: Commercial Tower, Finance Trade Centre, Lahore.

Our Ref. No. CL/CED/ 2478

Dated: 27-07-23

Test Specification

Your Ref. No. HMBDPL/S.O/07/23/57th (LHR)

Dated: 27-07-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 27-07-23 Tested on: 27-07-23 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	B4 Slab, C-13 (3500 psi)	13	7	2023	6Diax12	---	14.6	28.28	43	3406	---	Non Engraved
2	B4 Slab, C-13 (3500 psi)	13	7	2023	6Diax12	---	14.2	28.28	35	2772	---	Non Engraved
3	B4 Slab, C-13 (3500 psi)	13	7	2023	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Aftab Sohail, CNIC # 33103-0209597-3

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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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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**5609**  
**Dr. Umbreen**

**To: Mr. Rasheed Kakar Sb.**  
**Haider-B-Construction Company**

**Project: Construction of PCC (COE) Mughalpura, Lahore.**

**Our Ref. No. CL/CED/ 2479**

**Dated: 27-07-23**

**Test Specification**

**Your Ref. No. ACE/RE/COE/2023/384**

**Dated: 22-07-23**

**( ASTM C39 )**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 25-07-23    Tested on: 27-07-23    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), 3000 Psi	10	6	2023	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
2	(1:2:4), 3000 Psi	10	6	2023	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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**5602**  
**Dr. Umbreen**

**To:** Engr. Hassan Mahmood  
 Resident Engineer, G3 Engineering Consultants Pvt. Ltd.

**Project:** Construction of DHA New Life Residency Apartments 273/1 Q Block, Phase II DHA, Lahore.

**Our Ref. No.** CL/CED/ 2480

**Dated:** 27-07-23

**Test Specification**

**Your Ref. No.** G3/DHA-NLD/RE/177

**Dated:** 20-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 25-07-23 **Tested on:** 27-07-23 **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	4000 Psi	18	6	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	4000 Psi	18	6	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	4000 Psi	18	3	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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5574  
 Dr. Umbreen

**To:** Mr. Muhammad Waqas  
 Manager Civil, Shangrila, The Food Experts

**Project:** Nil

**Our Ref. No.** CL/CED/ 2481

**Dated:** 27-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 19-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 20-07-23 **Tested on:** 27-07-23 **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	ID # Columns A-C/1 (5000 Psi)	11	7	2023	6x6x6	---	8	36	39	2427	---	Non Engraved
2	ID # Columns A-C/1 (5000 Psi)	11	7	2023	6x6x6	---	8	36	41	2551	---	Non Engraved
3	ID # Columns A-C/1 (5000 Psi)	11	7	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
4	ID # RCC Wall (5000 Psi)	24	6	2023	6x6x6	---	9	36	88	5476	---	Non Engraved
5	ID # RCC Wall (5000 Psi)	24	6	2023	6x6x6	---	8.6	36	75	4667	---	Non Engraved
6	ID # RCC Wall (5000 Psi)	24	6	2023	6x6x6	---	8.4	36	83	5164	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

5618  
 Dr. Umbreen

To: (Asstt: Executive Engineer-IV)  
 Central Civil Division-1, Pak P.W.D, Lahore

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National school of Public Policy, Lahore (Sub Head Construction of New Office Block).

Our Ref. No. CL/CED/ 2482

Dated: 27-07-23

Test Specification

Your Ref. No. AEE/IV/CCD-1LHR/100A

Dated: 26-07-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26-07-23 Tested on: 27-07-23 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	Columns (1:1.5:3)	27	6	2022	6x6x6	---	9	36	83	5164	---	Non Engraved
2	Columns (1:1.5:3)	27	6	2022	6x6x6	---	8.6	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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/>

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- \*\* 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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Director/Dy. Director Concrete Laboratory



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

5588  
 Dr. Umbreen

To: Mr. Umair Latif  
 Development Engineer

Project: Construction of National Academy for Weight Lifting at Q.A.C, University of the Punjab.

Our Ref. No. CL/CED/ 2483

Dated: 27-07-23

Test Specification

Your Ref. No. D-3283-DE

Dated: 21-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-07-23 Tested on: 27-07-23 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	Foundation (1:2:4)	29	5	2023	6x6x6	---	8.4	36	81	5040	---	Engraved
2	Foundation (1:2:4)	29	5	2023	6x6x6	---	9	36	65	4044	---	Engraved
3	Foundation (1:2:4)	29	5	2023	6x6x6	---	8.4	36	71	4418	---	Engraved
4	Foundation (1:2:4)	31	5	2023	6x6x6	---	8.2	36	81	5040	---	Engraved
5	Foundation (1:2:4)	31	5	2023	6x6x6	---	8.4	36	71	4418	---	Engraved
6	Foundation (1:2:4)	31	5	2023	6x6x6	---	8	36	71	4418	---	Engraved
7	Column (1:1.5:3)	24	6	2023	6x6x6	---	8.6	36	63	3920	---	Engraved
8	Column (1:1.5:3)	24	6	2023	6x6x6	---	8.6	36	53	3298	---	Engraved
9	Column (1:1.5:3)	24	6	2023	6x6x6	---	8.6	36	61	3796	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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