



**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.

6979  
 Dr. M. Mazhar

To: Engr. ABDULLAH  
 Assistant Resident Engineer, M/S AR Engineers.

Project: Construction of Columns at Tuc Shop Chawinda Ground Sialkot. (First 2 Columns)

Our Ref. No. CL/CED/ 4887

Dated: 03-04-24

Test Specification

Your Ref. No. DOC#ARST-0018

Dated: 02-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-04-24 Tested on: 03-04-24 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	FFC-1	19	3	2024	6Diax12	---	15	28.28	40	3168	---	Non Engraved
2	FFC-2	19	3	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	FFC-3	19	3	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

6984  
 Dr. Qasim Khan

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (Ground Floor Shear Wall F'~G'/1~2 & Column C/2)

Our Ref. No. CL/CED/ 4588

Dated: 03-04-24

Test Specification

Your Ref. No. HMBDPL/S.O/03/24/97th (LHR)

Dated: 03-04-24

(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-85 (6000 Psi)	5	3	2024	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	CT-85 (6000 Psi)	5	3	2024	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	CT-85 (6000 Psi)	5	3	2024	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC # 33103-0209597-3

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

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.

6965  
Dr. Qasim Khan

To: For & On Behalf of  
M/S RADIANT CONSTRUCTION TECHNOLOGIES LLP

Project: Nil

Our Ref. No. CL/CED/ 4589

Dated: 03-04-24

Test Specification

Your Ref. No. Nil

Dated: 29/3/2024

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 01-04-24 Tested on: 03-04-24 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	Without Wrap	1	3	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
2	With Single Layer of Conwrap	1	3	2024	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
3	With Double Layer of Conwrap	1	3	2024	6Diax12	---	15	28.28	152	12040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Faheem Sheikh, CNIC: 35202-6328179-7

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

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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.

6981  
 Dr. M. Mazhar

To: Mr. WAQAS ALI  
 VARIANT, 25-t gulberg 2, Lahore

Project: 8th Floor Column (CI-2, CI-3, Sh-1, CL-4, CL-5, CL-12, CL-13, SH-4, SH-5)

Our Ref. No. CL/CED/ 4590

Dated: 03-04-24

Test Specification

Your Ref. No. VA/29/151

Dated: 02-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-04-24      Tested on: 03-04-24      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	8th Floor Column	23	2	2024	6Diax12	---	14.2	28.28	103	8158	---	Non Engraved
2	8th Floor Column	23	2	2024	6Diax12	---	15	28.28	115	9109	---	Non Engraved
3	8th Floor Column	23	2	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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6981  
 Dr. M. Mazhar

To: Mr. WAQAS ALI  
 VARIANT, 25-t gulberg 2, Lahore

Project: 8th Floor Column (CI-1, CI-6, CI-7, CI-8, Sh-2, CI-9, CI-10, CI-11, CI-15, SH-8, SH-9)

Our Ref. No. CL/CED/ 4591

Dated: 03-04-24

Test Specification

Your Ref. No. VA/29/150

Dated: 02-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-04-24 Tested on: 03-04-24 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	8th Floor Column	20	2	2024	6Diax12	---	14.4	28.28	110	8713	---	Non Engraved
2	8th Floor Column	20	2	2024	6Diax12	---	14.4	28.28	142	11248	---	Non Engraved
3	8th Floor Column	20	2	2024	6Diax12	---	13.4	28.28	97	7683	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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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6981  
 Dr. M. Mazhar

To: Mr. WAQAS ALI  
 VARIANT, 25-t gulberg 2, Lahore

Project: 8th Floor Lift Wall

Our Ref. No. CL/CED/ 4592

Dated: 03-04-24

Test Specification

Your Ref. No. VA/29/152

Dated: 02-04-24

(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	8th Floor Lift Wall	28	2	2024	6Diax12	---	14.6	28.28	133	10535	---	Non Engraved
2	8th Floor Lift Wall	28	2	2024	6Diax12	---	15	28.28	117	9267	---	Non Engraved
3	8th Floor Lift Wall	28	2	2024	6Diax12	---	14.2	28.28	115	9109	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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

- \* as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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6974  
 Dr. M. Mazhar

**To:** Mr. Muhammad Nadeem Mirza, EMCON Engineers & Contractors  
 Mr. Saeed Ahmad, Consultant, Awan Sports

**Project:** LFB Building at Awan Sports Sialkot.

**Our Ref. No. CL/CED/ 4593-1 of 2**

**Dated: 03-04-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 01-04-24**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 01-04-24 **Tested on:** 03-04-24 **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	Foundation (Grid E/2+4)- (1:2:4)	5	3	2024	6x6x6	---	9	36	95	5911	---	Engraved
2	Foundation (Grid E/2+4)- (1:2:4)	5	3	2024	6x6x6	---	8.4	36	101	6284	---	Engraved
3	Foundation (Grid E/2+4)- (1:2:4)	5	3	2024	6x6x6	---	8.4	36	87	5413	---	Engraved
4	Foundation (Grid E/5+6)- (1:2:4)	6	3	2024	6x6x6	---	8.4	36	97	6036	---	Engraved
5	Foundation (Grid E/5+6)- (1:2:4)	6	3	2024	6x6x6	---	8.8	36	83	5164	---	Engraved
6	Foundation (Grid E/5+6)- (1:2:4)	6	3	2024	6x6x6	---	8.6	36	93	5787	---	Engraved
7	Col (Grid E/3+5 F/7)- (1:1.5:3)	11	3	2024	6x6x6	---	9	36	97	6036	---	Engraved
8	Col (Grid E/3+5 F/7)- (1:1.5:3)	11	3	2024	6x6x6	---	9	36	89	5538	---	Engraved
9	Col (Grid E/3+5 F/7)- (1:1.5:3)	11	3	2024	6x6x6	---	8.8	36	97	6036	---	Engraved
10	Col (Grid F/1+2+3)- (1:1.5:3)	12	3	2024	6x6x6	---	8.4	36	83	5164	---	Engraved
11	Col (Grid F/1+2+3)- (1:1.5:3)	12	3	2024	6x6x6	---	8.6	36	89	5538	---	Engraved
12	Col (Grid F/1+2+3)- (1:1.5:3)	12	3	2024	6x6x6	---	9	36	72	4480	---	Engraved
13	Foundation (Grid B/3+4)- (1:2:4)	14	3	2024	6x6x6	---	9	36	75	4667	---	Engraved
14	Foundation (Grid B/3+4)- (1:2:4)	14	3	2024	6x6x6	---	8.6	36	91	5662	---	Engraved
15	Foundation (Grid B/3+4)- (1:2:4)	14	3	2024	6x6x6	---	9	36	79	4916	---	Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**





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6974  
 Dr. M. Mazhar

**To:** Mr. Muhammad Nadeem Mirza, EMCON Engineers & Contractors  
 Mr. Saeed Ahmad, Consultant, Awan Sports

**Project:** LFB Building at Awan Sports Sialkot

**Our Ref. No. CL/CED/ 4593-2 of 2**

**Dated: 03-04-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 01-04-24**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 01-04-24 **Tested on:** 03-04-24 **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	Foundation (Grid 2/C+D)- (1:2:4)	15	3	2024	6x6x6	---	8.6	36	70	4356	---	Engraved
2	Foundation (Grid 2/C+D)- (1:2:4)	15	3	2024	6x6x6	---	8.8	36	58	3609	---	Engraved
3	Foundation (Grid 2/C+D)- (1:2:4)	15	3	2024	6x6x6	---	9	36	85	5289	---	Engraved
4	Foundation (Grid C/4+6)- (1:2:4)	16	3	2024	6x6x6	---	9	36	77	4791	---	Engraved
5	Foundation (Grid C/4+6)- (1:2:4)	16	3	2024	6x6x6	---	8.4	36	83	5164	---	Engraved
6	Foundation (Grid C/4+6)- (1:2:4)	16	3	2024	6x6x6	---	8.6	36	81	5040	---	Engraved
7	Foundation (Grid A/1)- (1:2:4)	18	3	2024	6x6x6	---	8.8	36	87	5413	---	Engraved
8	Foundation (Grid A/1)- (1:2:4)	18	3	2024	6x6x6	---	8.8	36	85	5289	---	Engraved
9	Foundation (Grid A/1)- (1:2:4)	18	3	2024	6x6x6	---	8.4	36	81	5040	---	Engraved
10	Foundation (Grid A/7)- (1:2:4)	21	3	2024	6x6x6	---	8.4	36	83	5164	---	Engraved
11	Foundation (Grid A/7)- (1:2:4)	21	3	2024	6x6x6	---	9	36	83	5164	---	Engraved
12	Foundation (Grid A/7)- (1:2:4)	21	3	2024	6x6x6	---	9	36	81	5040	---	Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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" 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**