



# 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.

6103  
Dr. Umbreen

To: Mr. Shakeel Ahmad, Project Engineer  
Halla, Pattoki, Mezan Beverages Dairy Unit Pvt. Ltd

Project: Extension of Cow Shed 9 & 10 at Pattoki

Our Ref. No. CL/CED/ 3276

Dated: 20/10/2023

Test Specification

Your Ref. No. MD/Con/CIV/00150

Dated: 19/10/2023

(BS 1881-116)

## COMPRESSION TEST REPORT



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

Specimens received on: 19/10/2023 Tested on: 20/10/2023 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	RCC Pedestals	9	10	2023	6x6x6	---	9.2	36	104	6471	---	Non Engraved
2	RCC Pedestals	9	10	2023	6x6x6	---	10	36	103	6409	---	Non Engraved
3	RCC Pedestals	9	10	2023	6x6x6	---	9.9	36	110	6844	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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## Civil Engineering Department

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

**ORIGINAL**

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6103  
Dr. Umbreen

To: Mr. Shakeel Ahmad, Project Engineer  
Halla, Pattoki, Mezan Beverages Dairy Unit Pvt. Ltd

Project: Extension of Cow Shed 9 & 10 at Pattoki

Our Ref. No. CL/CED/ 3277

Dated: 20/10/2023

Test Specification

Your Ref. No. MD/Con/CIV/00150

Dated: 19/10/2023

(BS 1881-116)

## COMPRESSION TEST REPORT



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

Specimens received on: 19/10/2023 Tested on: 20/10/2023 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	RCC Pedestals Foundation	5	10	2023	6x6x6	---	9.2	36	83	5164	---	Engraved
2	RCC Pedestals Foundation	5	10	2023	6x6x6	---	9.6	36	87	5413	---	Engraved
3	RCC Pedestals Foundation	5	10	2023	6x6x6	---	9.2	36	78	4853	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

6064  
Dr. Umbreen

To: Mr. Omair Sadiq  
Project Manager, ONE LIBERTY

Project: Construction of RCC Walls, Staircases and Slab at One Liberty Mall and H&S Hotel, Noor Jehan Road, Gulberg III, Lahore

Our Ref. No. CL/CED/ 3278

Dated: 20/10/2023

Test Specification

Your Ref. No. OL/OS/2023/73

Dated: 12-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 12/10/2023 Tested on: 20/10/2023 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	17th Floor Slab (1st & 2nd Part)	15	9	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	17th Floor Slab (1st & 2nd Part)	15	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	17th Floor Slab (2nd Part)	14	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	17th Floor Slab (2nd Part)	14	9	2023	6Diax12	---	14	28.28	55	4356	---	Non Engraved
5	17th Floor Slab (2nd Part)	14	9	2023	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
6	Staircase-III 11th-12th Floor	7	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
7	Staircase-III 11th-12th Floor	7	9	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
8	17th Floor Slab (1st Part)	1	9	2023	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
9	17th Floor Slab (1st Part)	1	9	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
10	17th Floor Slab (1st Part)	1	9	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
11	Staircase-II 5-6 Staircase-III 10-11	21	8	2023	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
12	Staircase-II 5-6 Staircase-III 10-11	21	8	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
13	Lift Walls 16-17th Floor	21	7	2023	6Diax12	---	14	28.28	105	8317	---	Non Engraved
14	Lift Walls 16-17th Floor	21	7	2023	6Diax12	---	14.6	28.28	105	8317	---	Non Engraved
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" diax12" cylinder) strength at 28 days as compressive strength

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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.

6076  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Columns of Fourth Floor Bachelor Block)

Our Ref. No. CL/CED/ 3279

Dated: 20/10/2023

Test Specification

Your Ref. No. No. 3861

Dated: 12-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 13-10-23 Tested on: 20/10/2023 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	5000 Psi	1	9	2023	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
2	5000 Psi	1	9	2023	6Diax12	---	15	28.28	79	6257	---	Non Engraved
3	5000 Psi	1	9	2023	6Diax12	---	14.2	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

6076  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Shear Wall of Fourth Floor Bachelor Block)

Our Ref. No. CL/CED/ 3280

Dated: 20/10/2023

Test Specification

Your Ref. No. No. 3859

Dated: 12-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 13-10-23 Tested on: 20/10/2023 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	5000 Psi	1	9	2023	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	5000 Psi	1	9	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	5000 Psi	1	9	2023	6Diax12	---	14.4	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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**ORIGINAL**

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6089  
Dr. Umbreen

To: Engr. Syed Hashim Hussain  
SDM Project, Azgard Nine Limited

Project: Retrofitting of Dyeing 1 RCC Building (DBU) Azgard9 Limited (Column Pedestal)

Our Ref. No. CL/CED/ 3281

Dated: 20/10/2023

Test Specification

Your Ref. No. Az/Pro/004

Dated: 12-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 17/10/2023 Tested on: 20/10/2023 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	Grid 17-18/Line E	12	9	2023	6Diax12	---	14	28.28	30	2376	---	Engraved
2	Grid 17-18/Line E	12	9	2023	6Diax12	---	14.2	28.28	32	2535	---	Engraved
3	Grid 17-18/Line E	12	9	2023	6Diax12	---	14	28.28	40	3168	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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**ORIGINAL**

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6085  
Dr. Umbreen

To: Mr. Zeeshan Sadique  
Tehsil & District, Bagh

Project: Construction of Plot at CA-31, Fazaia Housing Society, Lahore

Our Ref. No. CL/CED/ 3282

Dated: 20/10/2023

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: 16/10/2023 Tested on: 20/10/2023 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	Ground Floor Column (1:1.5:3)	23	7	2023	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
2	Basement RCC Wall (1:2:4)	16	6	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

6085  
 Dr. Umbreen

To: Mr. Zeeshan Sadique  
 Tehsil & District, Bagh

Project: Construction of Plot at CA-31, Fazaia Housing Society, Lahore

Our Ref. No. CL/CED/ 3283

Dated: 20/10/2023

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:  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	Column (1:1.5:3)	3	8	2023	6Diax12	---	14	28.28	96	7604	---	Non Engraved
2	Roof (1:2:4)	13	8	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
3	Column (1:1.5:3)	2	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	Roof (1:2:4)	5	9	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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" 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





# 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.

6099  
Dr. Umbreen

To: Mr. Arif Siddique  
Ideal Construction Service

Project: Construction of FMH Tower Lahore

Our Ref. No. CL/CED/ 3284

Your Ref. No. ICS/786/563

Dated: 20/10/2023

Dated: 18/10/2023

Test Specification

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 19/10/2023 Tested on: 20/10/2023 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	5th Floor PCC	16	9	2023	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
2	5th Floor PCC	16	9	2023	6Diax12	---	14.4	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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"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.

6073  
Dr. Umbreen

To: City Builders, Engineers & Contractor  
NFC Employees Coop. Housing Society, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 3285

Dated: 20/10/2023

Test Specification

Your Ref. No. CB/KCW/10/1023

Dated: 13/10/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 13/10/2023 Tested on: 20/10/2023 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	5000 Psi	10	8	2023	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	5000 Psi	10	8	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
3	5000 Psi	10	8	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	3000 Psi	16	8	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
5	3000 Psi	16	8	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
6	3000 Psi	16	8	2023	6Diax12	---	14.2	28.28	79	6257	---	Non Engraved
7	3000 Psi	31	8	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
8	3000 Psi	31	8	2023	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
9	3000 Psi	31	8	2023	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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"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.

6090  
Dr. Umbreen

To: Mr. Asif Pervaiz Butt  
Resident Engineer, Ritz Developers (Pvt.) Ltd.

Project: Construction of Union Complex Commercial Tower 5th Floor Slab at (A~D) (1~3).

Our Ref. No. CL/CED/ 3286

Dated: 20/10/2023

Test Specification

Your Ref. No. Nil

Dated: 16-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 17/10/2023 Tested on: 20/10/2023 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	9	10	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	4000 Psi	9	10	2023	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
3	4000 Psi	9	10	2023	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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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.

6102  
Dr. Umbreen

To: M/S SHAHEEN CONSTRUCTION COMPANY  
Samanabad, Lahore.

Project: Construction of O.H.W. Tank at Millat Tractor Employees Co-operative Housing Society, Ltd Lahore (Columns)

Our Ref. No. CL/CED/ 3287

Dated: 20/10/2023

Test Specification

Your Ref. No. 2368/SCC/23

Dated: 19/10/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 19/10/2023 Tested on: 20/10/2023 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	---	28	9	2023	6Diax12	---	14	28.28	40	3168	---	Engraved
2	---	28	9	2023	6Diax12	---	14	28.28	40	3168	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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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.

6088  
Dr. Umbreen

To: Mr. Farhan Ramzan  
Site Supervisor, Premier Services-Blue Area Islamabad.  
Project: MSC Boundary Wall Re-Construction at Zong MSC, Kot Lakhpat Lahore (MSC Zong Boundary Wall KLP LHR)  
Our Ref. No. CL/CED/ 3288 Dated: 20/10/2023 Test Specification  
Your Ref. No. Nil Dated: 17/10/2023 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 17/10/2023 Tested on: 20/10/2023 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)	7	10	2023	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	(3000 Psi)	7	10	2023	6Diax12	---	13.6	28.28	55	4356	---	Non Engraved
3	(3000 Psi)	7	10	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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

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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