



**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.

4868  
 Dr. Asad Gilani

To: Mr. Muhammad Ahmed Qadri  
 House No. 73, Block P, Mohallah Gulberg II, Lahore.

Project:156-L, PH 6.

Our Ref. No. CL/CED/ 1325

Dated: 01-03-23

Test Specification

Your Ref. No. Nil

Dated: 01-03-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 01-03-23 Tested on: 01-03-23 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	4000 Psi	21	1	2023	6x6x6	---	7.8	36	94	5849	---	Non Engraved
2	4000 Psi	21	1	2023	6x6x6	---	7.8	36	102	6347	---	Non Engraved
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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

- 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.

4841  
 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**  
 Our Ref. No. CL/CED/ 1326 Dated: 01-03-23  
 Your Ref. No. No. 2762 Dated: 23/2/2023

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **24/2/2023** Tested on: **01-03-23** 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	4000 Psi	16	2	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
2	4000 Psi	16	2	2023	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
3	4000 Psi	16	2	2023	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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4841  
 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  
 Our Ref. No. CL/CED/ 1327      Dated: 01-03-23  
 Your Ref. No. No. 2764      Dated: 23/2/2023

Test Specification  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **24/2/2023** Tested on: **01-03-23** 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	4000 Psi	23	1	2023	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
2	4000 Psi	23	1	2023	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	4000 Psi	23	1	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* as engraved on the specimens (if any)
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**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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4853  
 Dr. Umbreen

To: Mr. Zafar Iqbal  
 Project Manager, United Lifestyle

Project: Construction of Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore

Our Ref. No. CL/CED/ 1328

Dated: 01-03-23

Test Specification

Your Ref. No. ULS/2021-22-23/027

Dated: 27/2/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **27/2/2023** Tested on: **01-03-23** 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	3000 Psi	25	1	2023	6Diax12	---	13.2	28.28	29	2297	---	Engraved
2	3000 Psi	25	1	2023	6Diax12	---	13	28.28	35	2772	---	Engraved
3	4000 Psi	25	1	2023	6Diax12	---	13	28.28	45	3564	---	Engraved
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4857  
 Dr. Umbreen

**To:** Resident Engineer (Civil)  
 Model Bazaar Head Office Building, MASCON Associates (Pvt) Ltd and HA Consulting

**Project:** Establishment of Model Bazaar Head Office Building

**Our Ref. No.** CL/CED/ 1329

**Dated:** 01-03-23

**Test Specification**

**Your Ref. No.** MAC-HAC/23/PMBMC/LT/036

**Dated:** 24/2/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **28/2/2023** Tested on: **01-03-23** 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	2nd Floor Slab (3000 Psi)	28	1	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
2	2nd Floor Slab (3000 Psi)	28	1	2023	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	2nd Floor Slab (3000 Psi)	28	1	2023	6Diax12	---	12.6	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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**ORIGINAL**  
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4826  
 Dr. Umbreen

To: Mr. Khalid Bashir  
 For Ittefaq Building Solutions (Pvt) Ltd

Project: Atif Plaza, Lawrence road, Lahore

Our Ref. No. CL/CED/ 1330

Dated: 01-03-23

Test Specification

Your Ref. No. IBS/AL/CT-08

Dated: 20/2/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **22/2/2023** Tested on: **01-03-23** 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	3rd Floor Slab (3000 Psi)	22	1	2023	6Diax12	---	13.6	28.28	77	6099	---	Engraved
2	3rd Floor Slab (3000 Psi)	22	1	2023	6Diax12	---	14	28.28	63	4990	---	Engraved
3	3rd Floor Slab (3000 Psi)	22	1	2023	6Diax12	---	14	28.28	75	5941	---	Engraved
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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4851  
 Dr. Umbreen

To: Mr. Abdul Qadir Ali  
 Fateh Garh, Lahore Cantt.

Project: 80/81 L Model Town Extension Lahore

Our Ref. No. CL/CED/ 1331

Dated: 01-03-23

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: **27/2/2023** Tested on: **01-03-23** 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	4th Floor Lift (3000 Psi)	21	1	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
2	4th Floor Lift (3000 Psi)	21	1	2023	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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- \* as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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4851  
 Dr. Umbreen

To: Mr. Abdul Qadir Ali  
 Fateh Garh, Lahore Cantt.

Project: 80/81 L Model Town Extension Lahore

Our Ref. No. CL/CED/ 1332

Dated: 01-03-23

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: **27/2/2023** Tested on: **01-03-23** 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	4th Floor Column (5500 Psi)	19	1	2023	6Diax12	---	13.4	28.28	96	7604	---	Non Engraved
2	4th Floor Column (5500 Psi)	19	1	2023	6Diax12	---	14	28.28	94	7446	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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- 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.

4851  
 Dr. Umbreen

To: Mr. Abdul Qadir Ali  
 Fateh Garh, Lahore Cantt.

Project: 80/81 L Model Town Extension Lahore

Our Ref. No. CL/CED/ 1333

Dated: 01-03-23

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: **27/2/2023** Tested on: **01-03-23** 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	4th Floor Column (5500 Psi)	17	1	2023	6Diax12	---	14.2	28.28	90	7129	---	Non Engraved
2	4th Floor Column (5500 Psi)	17	1	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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/>

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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.

4869  
 Dr. Asad Gilani

**To:** (Mr. Muhammad Aslam Sipra), Assistant Executive Engineer-IV  
 Central Civil Division No.II, Pak. P.W.D., Lahore.

**Project:** Construction of Sewerage, Drainage PCC & Carpeting UC-122 Lahore. (Government Contractor: M/S Mohsin Construction Co.)

**Our Ref. No.** CL/CED/ 1334

**Dated:** 01-03-23

**Test Specification**

**Your Ref. No.** AEE-IV/LCCD-II/LHR/179

**Dated:** 13-02-23

( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **01-03-23** Tested on: **01-03-23** 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	(1:2:4)	1	2	2023	6x6x6	---	8	36	61	3796	---	Non Engraved
2	(1:2:4)	1	2	2023	6x6x6	---	8.2	36	65	4044	---	Non Engraved
3	(1:4:8)	1	2	2023	6x6x6	---	8	36	39	2427	---	Non Engraved
4	(1:4:8)	1	2	2023	6x6x6	---	8.4	36	43	2676	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory