



**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.

3405  
 Dr. Mazhar

To: On & Behalf of  
 UMT Lahore.

Project: Nil, (Client: UMT, Lahore), (Contractor: Ikram Amjad Traders & Engineering Works).

Our Ref. No. CL/CED/ 9147-1 of 2

Dated: 16-06-22

Test Specification

Your Ref. No. Nil

Dated: 08-06-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-06-22 Tested on: 15-06-22 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	4000 Psi	25	5	2022	6Diax12	---	14	28.28	53	4198	---	Engraved
2	4000 Psi	25	5	2022	6Diax12	---	13.8	28.28	55	4356	---	Engraved
3	4000 Psi	25	5	2022	6Diax12	---	13.8	28.28	49	3881	---	Engraved
4	4000 Psi	25	5	2022	6Diax12	---	13.4	28.28	51	4040	---	Engraved
5	4000 Psi	25	5	2022	6Diax12	---	13.4	28.28	57	4515	---	Engraved
6	4000 Psi	25	5	2022	6Diax12	---	13.4	28.28	57	4515	---	Engraved
7	4000 Psi	25	5	2022	6Diax12	---	13.4	28.28	51	4040	---	Engraved
8	4000 Psi	25	5	2022	6Diax12	---	13.8	28.28	65	5149	---	Engraved
9	4000 Psi	25	5	2022	6Diax12	---	13.4	28.28	63	4990	---	Engraved
10	4000 Psi	28	5	2022	6Diax12	---	13.8	28.28	67	5307	---	Engraved
11	4000 Psi	28	5	2022	6Diax12	---	13.6	28.28	31	2455	---	Engraved
12	4000 Psi	28	5	2022	6Diax12	---	13	28.28	41	3248	---	Engraved
13	4000 Psi	28	5	2022	6Diax12	---	13.4	28.28	35	2772	---	Engraved
14	4000 Psi	28	5	2022	6Diax12	---	13.8	28.28	67	5307	---	Engraved
15	4000 Psi	28	5	2022	6Diax12	---	13	28.28	41	3248	---	Engraved
16	4000 Psi	28	5	2022	6Diax12	---	13.8	28.28	67	5307	---	Engraved

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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 Dr. Mazhar

To: On & Behalf of  
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Our Ref. No. CL/CED/ 9147-2 of 2

Dated: 16-06-22

Test Specification

Your Ref. No. Nil

Dated: 08-06-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-06-22** Tested on: **15-06-22** 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	28	5	2022	6Diax12	---	13.4	28.28	67	5307	---	Engraved
2	4000 Psi	28	5	2022	6Diax12	---	14	28.28	59	4673	---	Engraved
3	4000 Psi	20	5	2022	6Diax12	---	13	28.28	49	3881	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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-reports1/>

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- \*\* 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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3415  
 Dr. Mazhar

To: Mr. Ameen Uddin, PM Project  
 Majeed Associates (Pvt) Ltd.

Project: Construction of ABL Bank Branch Bahria Orchard Lahore.

Our Ref. No. CL/CED/ 9148

Dated: 16-06-22

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 10-06-22 Tested on: 15-06-22 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. Columns (4000 Psi)	27	5	2022	6Diax12	---	13	28.28	77	6099	---	Non Engraved
2	F.F. Columns (4000 Psi)	27	5	2022	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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3416  
 Dr. Mazhar

**To:** Malik Faisal Hussain, Material Engineer  
 Tetra Engineering (Pvt) Ltd.

**Project:** Buleward-21, Dream Garden Lahore. (Client; M. Salman Saeed).

**Our Ref. No.** CL/CED/ 9149

**Dated:** 16-06-22

**Test Specification**

**Your Ref. No.** TRM/LAB/00110-22

**Dated:** 09-06-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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**Specimens received on:** 10-06-22 **Tested on:** 15-06-22 **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	6	3	2022	6Diax12	---	13	28.28	77	6099	---	Non Engraved
2	4000 Psi	6	3	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
3	4000 Psi	6	3	2022	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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3417  
 Dr. Mazhar

**To:** Khawaja Irfan Siddiqui, Senior Project Manager  
 M/s Country Developers (Pvt.) Ltd.

**Project:** LMDC Teaching Hospital, Lahore.

**Our Ref. No.** CL/CED/ 9150

**Dated:** 16-06-22

**Test Specification**

**Your Ref. No.** CDPL/PROJ/LMDC/22/06E

**Dated:** 06-06-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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Specimens received on: **10-06-22** Tested on: **15-06-22** 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	PCC	12	5	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	PCC	12	5	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	PCC	23	5	2022	6Diax12	---	13.4	28.28	49	3881	---	Non Engraved
4	PCC	23	5	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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