



**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.

6475  
 Dr. M. Mazhar

**To:** Mr. Muhammad Zaman Madni  
 CEO, ZECO Building Systems Pvt. Ltd.

**Project:** AS SUFA International School (Jehlam) Project.

**Our Ref. No. CL/CED/ 3905**

**Dated: 09-01-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 02-01-24**

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## 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	H-5	---	---	---	8.8 x 4.4 x 3	---	3255	38.72	28	1620	---	---
2	H-5	---	---	---	8.9 x 4.4 x 3	---	3195	39.16	30	1716	---	---
3	H-5	---	---	---	8.8 x 4.4 x 2.9	---	3140	38.72	30	1736	---	---
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" 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**



**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.

6511  
 Dr. Umbreen

To: Mr. Sikander Syal  
 General Manager, Etihad Town (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 3906

Dated: 09-01-24

Test Specification

Your Ref. No. ET/

Dated: 09-01-24

( ---- )

## 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	Rectangular, Grey, 60mm (2)	---	---	---	7.8 x 3.9 x 2.4	---	2765	30.42	104	7658	---	---
2	Rectangular, Grey, 60mm (3)	---	---	---	7.8 x 3.9 x 2.4	---	2980	30.42	66	4860	---	---
3	Rectangular, Grey, 60mm (4)	---	---	---	7.8 x 3.9 x 2.4	---	2770	30.42	83	6112	---	---
4	Rectangular, Grey, 60mm (6)	---	---	---	7.8 x 3.9 x 2.4	---	2770	30.42	80	5891	---	---
5	Rectangular, Grey, 60mm (8)	---	---	---	7.8 x 3.9 x 2.4	---	2925	30.42	90	6627	---	---
6	Rectangular, Grey, 60mm (11)	---	---	---	7.8 x 3.9 x 2.4	---	2980	30.42	88	6480	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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



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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.

6500  
 Dr. M. Mazhar

To: Mr. Waqas Ali  
 VARIANT, 25-t gulberg 2, Lahore

Project: 5th Floor Slab Pour-3

Our Ref. No. CL/CED/ 3907

Dated: 09-01-24

Test Specification

Your Ref. No. VA/29/132

Dated: 04-01-24

(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	Grid Location (A to E, 1 to 2)	28	11	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Grid Location (A to E, 1 to 2)	28	11	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	Grid Location (A to E, 1 to 2)	28	11	2023	6Diax12	---	14.6	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
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ORIGINAL  
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6500  
 Dr. M. Mazhar

To: Mr. Waqas Ali  
 VARIANT, 25-t gulberg 2, Lahore

Project: 5th Floor Slab Pour-2

Our Ref. No. CL/CED/ 3908

Dated: 09-01-24

Test Specification

Your Ref. No. VA/29/131

Dated: 04-01-24

(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	Grid Location (A to E, 3 to 5)	23	11	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Grid Location (A to E, 3 to 5)	23	11	2023	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
3	Grid Location (A to E, 3 to 5)	23	11	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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6500  
 Dr. M. Mazhar

To: Mr. Waqas Ali  
 VARIANT, 25-t gulberg 2, Lahore

Project: Strone Ready Mix- Trial Mix (7000 Psi)

Our Ref. No. CL/CED/ 3909

Dated: 09-01-24

Test Specification

Your Ref. No. VA/29/133

Dated: 04-01-24

(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	Trial Mix (7000 Psi)	28	11	2023	6Diax12	---	13.8	28.28	87	6891	---	Non Engraved
2	Trial Mix (7000 Psi)	28	11	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Trial Mix (7000 Psi)	28	11	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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**  
 University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

6500  
 Dr. M. Mazhar

To: Mr. Waqas Ali  
 VARIANT, 25-t gulberg 2, Lahore

Project: 6th Floor Column (CI-15, CI-16, CI-17, CI-18, CI-19, CI-20, CI-21, CI-22, Sh-3, Sh-4, Sh-6, 7)

Our Ref. No. CL/CED/ 3910

Dated: 09-01-24

Test Specification

Your Ref. No. VA/29/134

Dated: 04-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 05-01-24 Tested on: 09-01-24 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	Columns	1	12	2023	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
2	Columns	1	12	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	Columns	1	12	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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

Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
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ORIGINAL  
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6443  
 Dr. M. Mazhar

To: Mr. Ali Raza  
 Site Incharge, City Builders;Engineers & Contractor

Project: The Library Complex, Kinnaird College, Lahore.

Our Ref. No. CL/CED/ 3911

Dated: 09-01-24

Test Specification

Your Ref. No. CB/KCWLP/06

Dated: 26/12/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2023 Tested on: 09-01-24 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	3000 Psi	9	11	2023	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	3000 Psi	9	11	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
3	3000 Psi	9	11	2023	6Diax12	---	13	28.28	58	4594	---	Non Engraved
4	3000 Psi	12	11	2023	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
5	3000 Psi	12	11	2023	6Diax12	---	12.2	28.28	32	2535	---	Non Engraved
6	3000 Psi	12	11	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
7	5000 Psi	17	11	2023	6Diax12	---	13	28.28	81	6416	---	Non Engraved
8	5000 Psi	17	11	2023	6Diax12	---	13	28.28	58	4594	---	Non Engraved
9	5000 Psi	17	11	2023	6Diax12	---	13	28.28	79	6257	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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



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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.

6450  
 Dr. M. Mazhar

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

**Project:** Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore.

**Our Ref. No. CL/CED/ 3912**

**Dated: 09-01-24**

Test Specification

**Your Ref. No. No. 4165**

**Dated: 26/12/2023**

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 27/12/2023 **Tested on:** 09-01-24 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	Retaining Wall (4000 Psi)	12	12	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	Retaining Wall (4000 Psi)	12	12	2023	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
3	Retaining Wall (4000 Psi)	12	12	2023	6Diax12	---	13.2	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

6450  
Dr. M. Mazhar

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 3913

Dated: 09-01-24

Test Specification

Your Ref. No. No. 4145

Dated: 22/12/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2023 Tested on: 09-01-24 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	Raft Foundation (3000 Psi)	6	12	2023	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
2	Raft Foundation (3000 Psi)	6	12	2023	6Diax12	---	13	28.28	68	5386	---	Non Engraved
3	Raft Foundation (3000 Psi)	6	12	2023	6Diax12	---	13.4	28.28	72	5703	---	Non 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-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.

6450  
Dr. M. Mazhar

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

Our Ref. No. CL/CED/ 3914

Dated: 09-01-24

Test Specification

Your Ref. No. No. 4161

Dated: 26-12-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2023 Tested on: 09-01-24 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	Pile (3000 Psi)	29	11	2023	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	Pile (3000 Psi)	29	11	2023	6Diax12	---	13.2	28.28	91	7208	---	Non Engraved
3	Pile (3000 Psi)	29	11	2023	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
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-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.

6450  
 Dr. M. Mazhar

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

**Project:** Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

**Our Ref. No. CL/CED/ 3915**

**Dated: 09-01-24**

**Test Specification**

**Your Ref. No. No. 4149**

**Dated: 23/12/2023**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 27/12/2023 **Tested on:** 09-01-24 **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	Pile Cap (3000 Psi)	26	11	2023	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
2	Pile Cap (3000 Psi)	26	11	2023	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
3	Pile Cap (3000 Psi)	26	11	2023	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
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-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.

6450  
 Dr. M. Mazhar

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

**Project:** Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)

**Our Ref. No. CL/CED/ 3916**

**Dated: 09-01-24**

Test Specification

**Your Ref. No. No. 4142**

**Dated: 21/12/2023**

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2023 Tested on: 09-01-24 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	Pile (3000 Psi)	23	11	2023	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	Pile (3000 Psi)	23	11	2023	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
3	Pile (3000 Psi)	23	11	2023	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
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-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.

6450  
 Dr. M. Mazhar

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

**Project:** Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore

**Our Ref. No. CL/CED/ 3917**

**Dated: 09-01-24**

**Test Specification**

**Your Ref. No. No. 4163**

**Dated: 26/12/2023**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 27/12/2023 **Tested on:** 09-01-24 **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	Lift Walls (4000 Psi)	20	12	2023	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	Lift Walls (4000 Psi)	20	12	2023	6Diax12	---	14	28.28	105	8317	---	Non Engraved
3	Lift Walls (4000 Psi)	20	12	2023	6Diax12	---	13	28.28	70	5545	---	Non Engraved
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/>

- \* 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.

6450  
 Dr. M. Mazhar

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

**Project: Construction of New Courts Block at Site of Old Administration Block at Lahore (ADP No. 3766 For the Year 2023-24)**

**Our Ref. No. CL/CED/ 3918**

**Dated: 09-01-24**

**Test Specification**

**Your Ref. No. No. 4167**

**Dated: 26/12/2023**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **27/12/2023** Tested on: **09-01-24** 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	Column Lower Bsmnt (4000 Psi)	20	12	2023	6Diax12	---	13.6	28.28	101	8000	---	Non Engraved
2	Column Lower Bsmnt (4000 Psi)	20	12	2023	6Diax12	---	13	28.28	101	8000	---	Non Engraved
3	Column Lower Bsmnt (4000 Psi)	20	12	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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.

6485  
Dr. M. Mazhar

To: Mr. ABID RAUF  
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt.) Ltd.  
Project: Construction of Dual Carriageway from GT Road (Benazir Chowk) to Lahore-Sialkot Motorway (Wando Interchange) L = 15.20 Km, District Gujranwala. (M/s 21 Engineer Battalion (FWO))  
Our Ref. No. CL/CED/ 3919 Dated: 09-01-24  
Your Ref. No. 103/EW/GRW/AR/Lab/40 Dated: 29/12/2023

Test Specification  
(BS 6717)

## COMPRESSION TEST REPORT



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

Specimens received on: 03-01-24 Tested on: 09-01-24 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	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2890	29.64	94	7104	---	7530
2	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2920	29.64	94	7104	---	7530
3	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2940	29.64	95	7179	---	7610
4	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2870	29.64	91	6877	---	7290
5	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2780	29.64	97	7331	---	7771
6	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2890	29.64	74	5592	---	5928
7	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2940	29.64	99	7482	---	7931
8	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2865	29.64	125	9447	---	10014
9	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	103	7784	---	8251
10	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2855	29.64	50	3779	---	4006
11	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2745	29.64	68	5139	---	5447
12	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	80	6046	---	6409
13	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2920	29.64	119	8993	---	9533
14	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2710	29.64	70	5290	---	5607
15	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	58	4383	---	4646
16	Rectangular,Grey, 60mm (P.C.C)	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	79	5970	---	6328

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