



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.

7858
Dr. M. Yousaf

To: Ch. Suneel Shamshad
Director Operations, Ai HEIGHTS

Project: Construction of Apartment Building at 38, Tariq Block, New Garden Town, Lahore.

Our Ref. No. CL/CED/ 5960

Dated: 24-09-24

Test Specification

Your Ref. No. 2024/001

Dated: 23-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-09-24 Tested on: 24-09-24 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	---	9	9	2024	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
2	---	9	9	2024	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
3	---	9	9	2024	6Diax12	---	13.2	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

7864
 Dr. Qasim Khan

To: Mr. Taimoro Shahzad
 Dy. Manager Application & Project, S. M. JAFFER & CO.

Project: SUPPLY & SERVICES AGREEMENT FOR CORE LOCATION LAHORE DG SET SWAP LHR.

Our Ref. No. CL/CED/ 5961

Dated: 24-09-24

Test Specification

Your Ref. No. G019201/RM/2024

Dated: 24-09-24

(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	MSC Zong KLP Lahore	15	9	2024	6Diax12	---	14	28.28	27	2139	---	Engraved
2	MSC Zong KLP Lahore	15	9	2024	6Diax12	---	13.2	28.28	27	2139	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Ramzan, CNIC # 37406-2787904-1

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7804
 Dr. Aqsa

To: Mr. Zaheer Abbas
 Senior Manager Construction, Beaconhouse School System.

Project: Construction of Beaconhouse School System at New Campus Wapda Town, Lahore.

Our Ref. No. CL/CED/ 5962

Dated: 24-09-24

Test Specification

Your Ref. No. Nil

Dated: 12-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-09-24 Tested on: 24-09-24 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	Ground Floor Slab	3	8	2024	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	Ground Floor Slab	3	8	2024	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
3	Ground Floor Slab	3	8	2024	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
4	First Floor Columns	8	8	2024	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
5	First Floor Columns	8	8	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
6	First Floor Columns	8	8	2024	6Diax12	---	13	28.28	51	4040	---	Non Engraved
7												
8												
9												
10	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7817
 Dr. Aqsa

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. (7th Floor Column, Darbar Side)

Our Ref. No. CL/CED/ 5963

Dated: 24-09-24

Test Specification

Your Ref. No. 1105

Dated: 16-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-09-24 Tested on: 24-09-24 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	(4000 Psi)	16	8	2024	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	(4000 Psi)	16	8	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	(4000 Psi)	16	8	2024	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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7817
 Dr. Aqsa

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. (7th Floor, Slab Darbar Side)

Our Ref. No. CL/CED/ 5964

Dated: 24-09-24

Test Specification

Your Ref. No. 1075

Dated: 11-09-24

(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	(3000 Psi)	13	8	2024	6Diax12	---	13	28.28	30	2376	---	Non Engraved
2	(3000 Psi)	13	8	2024	6Diax12	---	13.4	28.28	25	1980	---	Non Engraved
3	(3000 Psi)	13	8	2024	6Diax12	---	13.2	28.28	29	2297	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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7817
 Dr. Aqsa

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. (7th Floor, Slab 12-Court Side)

Our Ref. No. CL/CED/ 5965

Dated: 24-09-24

Test Specification

Your Ref. No. 1059

Dated: 09-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **16-09-24** Tested on: **24-09-24** 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)	12	8	2024	6Diax12	---	13.6	28.28	30	2376	---	Non Engraved
2	(3000 Psi)	12	8	2024	6Diax12	---	13	28.28	31	2455	---	Non Engraved
3	(3000 Psi)	12	8	2024	6Diax12	---	13	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7820
 Dr. Aqsa

To: Brig Khadim Hussain (Retd)
 Administrator, Bismillah Housing Society Phase-I, Manawan Bank Stop G.T Road, Lahore.

Project: Construction of Masjid e Aqsa Haider Block.

Our Ref. No. CL/CED/ 5966

Dated: 24-09-24

Test Specification

Your Ref. No. Nil

Dated: 18-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18-09-24 **Tested on:** 24-09-24 **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	Slab	4	9	2024	6Diax12	---	13.6	28.28	40	3168	---	Engraved
2	Slab	4	9	2024	6Diax12	---	13.6	28.28	39	3089	---	Engraved
3	Slab	4	9	2024	6Diax12	---	13.6	28.28	40	3168	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7844
 Dr. Aqsa

To: Mr. Zeeshan Ibrahim
 Manager Administration, Lockersmiths Limited

Project: Nil

Our Ref. No. CL/CED/ 5967

Dated: 24-09-24

Test Specification

Your Ref. No. LS-GLS-04-71

Dated: 18-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-09-24 Tested on: 24-09-24 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	---	13	8	2024	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
2	---	13	8	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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- ** 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.

7851
 Dr. Aqsa

To: Mr. Adeel Aslam
 Manager Projects, Fatima Memorial Hospital Lahore.

Project: Construction of New Building at Fatima Memorial Hospital Lahore.

Our Ref. No. CL/CED/ 5968

Dated: 24-09-24

Test Specification

Your Ref. No. FMH/RAF/Con/26

Dated: 19-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-09-24 Tested on: 24-09-24 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 Raft) (3500 Psi)	12	9	2024	6Diax12	---	13	28.28	51	4040	---	Non Engraved
2	(Column Raft) (3500 Psi)	12	9	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	Column (3500 Psi)	13	9	2024	6Diax12	---	13.2	28.28	47	3723	---	Non Engraved
4	Column (3500 Psi)	13	9	2024	6Diax12	---	14	28.28	73	5782	---	Non Engraved
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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 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.

7825
 Dr. Aqsa

To: Assistant Executive Engineer
 Central Civil Division, Pak. PWD, Gujranwala.

Project: Establishment of Auditorium at NHMP Training College Sheikhupura. (Phase-III) (Deposit Work)

Our Ref. No. CL/CED/ 5969

Dated: 24-09-24

Test Specification

Your Ref. No. AEE/CCD/GA/NHMP/59

Dated: 26-08-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18-09-24 **Tested on:** 24-09-24 **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/Strip Fnd (3000 Psi)	20	7	2024	6Diax12	---	13	28.28	26	2059	---	Non Engraved
2	Raft/Strip Fnd (3000 Psi)	20	7	2024	6Diax12	---	13.4	28.28	24	1901	---	Non Engraved
3	Raft/Strip Fnd (3000 Psi)	20	7	2024	6Diax12	---	13	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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