



**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.

7981  
 Dr. M. Mazhar

To: **Consultant**  
 Takbeer Tower, Mecload Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6134

Dated: 11-10-24

Test Specification

Your Ref. No. Nil

Dated: 10-10-24

( ---- )

## 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	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	70	5290	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2680	29.64	60	4534	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2580	29.64	44	3325	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	58	4383	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2640	29.64	50	3779	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2660	29.64	42	3174	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2550	29.64	68	5139	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2555	29.64	72	5441	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2740	29.64	60	4534	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2675	29.64	60	4534	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2650	29.64	60	4534	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	80	6046	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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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7974  
 Dr. Qasim Khan

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

Project: 11th Floor Lift Wall

Our Ref. No. CL/CED/ 6135

Your Ref. No. VA/29/170

Dated: 11-10-24

Dated: 07-10-24

Test Specification

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-24 Tested on: 11-10-24 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	11th Floor Lift Wall	15	8	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	11th Floor Lift Wall	15	8	2024	6Diax12	---	14	28.28	100	7921	---	Non Engraved
3	11th Floor Lift Wall	15	8	2024	6Diax12	---	14.6	28.28	123	9743	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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7974  
 Dr. Qasim Khan

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

Project: 11th Floor Column (CL-11, CI-14, CI-15, CI-16, CI-17, CI-19, CI-20, CI-21, SH-4)

Our Ref. No. CL/CED/ 6136

Dated: 11-10-24

Test Specification

Your Ref. No. VA/29/171

Dated: 07-10-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-24      Tested on: 11-10-24      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	11th Floor Column	19	8	2024	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	11th Floor Column	19	8	2024	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
3	11th Floor Column	19	8	2024	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

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7974  
 Dr. Qasim Khan

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

Project: 11th Floor Column (CL-18, CI-22)

Our Ref. No. CL/CED/ 6137

Dated: 11-10-24

Test Specification

Your Ref. No. VA/29/172

Dated: 07-10-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-24 Tested on: 11-10-24 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	11th Floor Column	28	8	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	11th Floor Column	28	8	2024	6Diax12	---	14.2	28.28	78	6178	---	Non Engraved
3	11th Floor Column	28	8	2024	6Diax12	---	14.8	28.28	82	6495	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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Director/Dy. Director Concrete Laboratory



# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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**ORIGINAL**  
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7957  
Engr. A. Rehman

To: Mr. M. IMRAN SAEED  
Project Manager, Gulberg City Center (GCC), 5-K, Main Boulevard, Gulberg-II, Lahore  
Project: Gulberg City Center (GCC) (Lift-3 wall at Level 40'-6" - 54'-6", Col on Grid 5-7 Line A-2, Col. on Loc. 5.1F & 6.1F, 5.2B & 5.2C, Col. on Loc. 7A, 7B, 8A & 8B, Loc. 5.2D, 5.2E, 5.1C, 6.1B & 6.1C)  
Our Ref. No. CL/CED/ 6138 Dated: 11-10-24  
Your Ref. No. Nil Dated: 07-10-24

Test Specification  
(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 08-10-24 Tested on: 11-10-24 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-3 Wall (6000 Psi)	12	8	2024	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	Lift-3 Wall (6000 Psi)	12	8	2024	6Diax12	---	14.6	28.28	95	7525	---	Non Engraved
3	Col. Grid 5-7 Line A-2 (6000 Psi)	28	8	2024	6Diax12	---	14.2	28.28	97	7683	---	Non Engraved
4	Col. Grid 5-7 Line A-2 (6000 Psi)	28	8	2024	6Diax12	---	14	28.28	97	7683	---	Non Engraved
5	Col. 5.1F, 6.1F, 5.2B, 5.2C (6Ksi)	31	8	2024	6Diax12	---	14.4	28.28	96	7604	---	Non Engraved
6	Col. 5.1F, 6.1F, 5.2B, 5.2C (6Ksi)	31	8	2024	6Diax12	---	14	28.28	92	7287	---	Non Engraved
7	Col. 7A, 7B, 8A, 8B (6000 Psi)	6	9	2024	6Diax12	---	14	28.28	102	8079	---	Non Engraved
8	Col. 7A, 7B, 8A, 8B (6000 Psi)	6	9	2024	6Diax12	---	14.6	28.28	85	6733	---	Non Engraved
9	Col. 5.2D, 5.2E, 5.1C, 6.1B, 6.1C	7	9	2024	6Diax12	---	13.4	28.28	104	8238	---	Non Engraved
10	Col. 5.2D, 5.2E, 5.1C, 6.1B, 6.1C	7	9	2024	6Diax12	---	14	28.28	99	7842	---	Non Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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7961  
 Engr. A. Rehman

To: Mr. Muhammad Sajjad  
 Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore (2nd Floor Slab)

Our Ref. No. CL/CED/ 6139

Dated: 11-10-24

Test Specification

Your Ref. No. Nil

Dated: 08-10-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 08-10-24      Tested on: 11-10-24      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	29	9	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	3000 Psi	29	9	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	3000 Psi	29	9	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/1/>

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7961  
 Engr. A. Rehman

To: Mr. Muhammad Sajjad  
 Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore (Lift Shear Wall & Stairs)

Our Ref. No. CL/CED/ 6140

Dated: 11-10-24

Test Specification

Your Ref. No. Nil

Dated: 08-10-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 08-10-24      Tested on: 11-10-24      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	11	9	2024	6Diax12	---	13	28.28	44	3485	---	Non Engraved
2	4000 Psi	11	9	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	4000 Psi	11	9	2024	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
4	3000 Psi	11	9	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
5	3000 Psi	11	9	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
6	3000 Psi	11	9	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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7948  
 Engr. A. Rehman

**To:** Resident Engineer  
 Engineering Consultancy Services Punjab (ECSP) Pvt Limited.  
 Project: Construction of Baba Guru Nanak University, Nankana Sahib (Roof Slab Drain 1+000 to 2+000 Right Side M/S Shafiq Construction Company)  
 Our Ref. No. CL/CED/ 6141      Dated: 11-10-24      Test Specification  
 Your Ref. No. RE/ECSP/BG NU/114      Dated: 16/9/2024      ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 07-10-24 Tested on: 11-10-24 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	(1:2:4)	16	8	2024	6x6x6	---	8.8	36	48	2987	---	Engraved
2	(1:2:4)	16	8	2024	6x6x6	---	8.4	36	50	3111	---	Engraved
3	(1:2:4)	16	8	2024	6x6x6	---	8	36	44	2738	---	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" 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.

7948  
Engr. A. Rehman

To: Resident Engineer  
Engineering Consultancy Services Punjab (ECSP) Pvt Limited  
Project: Construction of MPA's HOSTEL LAHORE, PHASE-II (UPPER BASEMENT RETAINING WALL- Group No. 2). (M/s Shafiq Construction Company)  
Our Ref. No. CL/CED/ 6142 Dated: 11-10-24 Test Specification  
Your Ref. No. 340/ECSP/MPA/ME/94 Dated: 18/9/2024 (BS 1881-116)

### COMPRESSION TEST REPORT



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

Specimens received on: 07-10-24 Tested on: 11-10-24 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	Upper Basement Retaining Wall	20	8	2024	6x6x6	---	8.4	36	44	2738	---	Engraved
2	Upper Basement Retaining Wall	20	8	2024	6x6x6	---	9	36	45	2800	---	Engraved
3	Upper Basement Retaining Wall	20	8	2024	6x6x6	---	8	36	38	2364	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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-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.

7902  
 Engr. A. Rehman

**To:** Sub Divisional Officer  
 Highway Sub Division, Shahkot

**Project:** The Work "S/R of NANKANA SAHIB SHAHKOT ROAD to NODHA VILLAGE Length 2.50 KM"

**Our Ref. No.** CL/CED/ 6143

**Dated:** 11-10-24

**Test Specification**

**Your Ref. No.** 3027/SKT

**Dated:** 12-08-24

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 30/9/2024 **Tested on:** 11-10-24 **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	MK	---	---	---	8.5 x 4.2 x 2.6	---	2880	35.7	23	1443	---	---
2	MK	---	---	---	8.6 x 4.2 x 2.6	---	3045	36.12	40	2481	---	---
3	MK	---	---	---	8.5 x 4.2 x 2.6	---	2890	35.7	44	2761	---	---
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" 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.

7775  
 Engr. A. Rehman

To: Sub Divisional Officer  
 Buildings Sub Division, Narowal

Project: Construction of DISTRICT OFFICE CTD NAROWAL ADP# 4916 For the Year 2023-24.

Our Ref. No. CL/CED/ 6144

Dated: 11-10-24

Test Specification

Your Ref. No. 389/NL

Dated: 30/8/2024

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 09-09-24      Tested on: 11-10-24      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	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	3420	2915	36.96	46	2788	17.32	---
2	Machine Made Double Line	---	---	---	8.8 x 4.5 x 2.8	3475	2910	39.6	41	2319	19.42	---
3	Machine Made Double Line	---	---	---	8.7 x 4.4 x 2.8	3430	2875	38.28	42	2458	19.3	---
4	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	3475	2905	36.96	32	1939	19.62	---
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	3305	2875	36.96	46	2788	14.96	---
6	Machine Made Double Line	---	---	---	8.8 x 4.5 x 2.8	3430	2895	39.6	42	2376	18.48	---
7	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.9	3480	2830	37.84	36	2131	22.97	---
8	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3425	2910	36.96	38	2303	17.7	---
9	Machine Made Double Line	---	---	---	8.8 x 4.4 x 2.8	3380	2860	38.72	32	1851	18.18	---
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" 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.

7885  
Engr. A. Rehman

To: Mr. M. Armughan Khan  
DEPUTY DIRECTOR (QCD), WASA, LDA, LAHORE.

Project: Testing of Bricks against Tender No. XEN (O&M-I)/N.T/2023-2024/202-PCC/ DRAINAGE SCHEME/ SEWERAGE SCHEME UC-270, ARAYAN MOR KHANA NEPAL. (M/S Hafiz Qadeer Ahmad & Co.)

Our Ref. No. CL/CED/ 6145

Dated: 11-10-24

Test Specification

Your Ref. No. QCD/1398-99

Dated: 23/8/2024

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 26/9/2024 Tested on: 11-10-24 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	S	---	---	---	8.5 x 4.1 x 2.8	3220	2900	34.85	59	3792	11.03	---
2	S	---	---	---	8.6 x 4.1 x 2.7	3375	3075	35.26	41	2605	9.76	---
3	S	---	---	---	8.5 x 4.1 x 2.7	3170	2830	34.85	44	2828	12.01	---
4	S	---	---	---	8.6 x 4.2 x 2.8	3345	2955	36.12	44	2729	13.2	---
5	S	---	---	---	8.6 x 4.2 x 2.8	3350	2950	36.12	40	2481	13.56	---
6	S	---	---	---	8.7 x 4.1 x 2.8	3385	3045	35.67	46	2889	11.17	---
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" 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.

7892  
 Engr. A. Rehman

To: **Mr. ATIQUE AHMAD**  
 Engineer's Representative, Construction Management Division, NESPAK (Pvt) Ltd.

Project: REHABILITATION OF MAHMOOD BOOTI DUMPSITE

Our Ref. No. CL/CED/ 6146

Dated: 11-10-24

Test Specification

Your Ref. No. 4490/13/CAA/05/224

Dated: 25/9/2024

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 26/9/2024 Tested on: 11-10-24 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	515	---	---	---	9 x 4.4 x 3	3900	3465	39.6	27	1527	12.55	---
2	515	---	---	---	9 x 4.4 x 2.9	3730	3250	39.6	38	2149	14.77	---
3	515	---	---	---	9 x 4.4 x 2.9	3745	3330	39.6	44	2489	12.46	---
4	515	---	---	---	9 x 4.3 x 2.9	3770	3405	38.7	44	2547	10.72	---
5	515	---	---	---	8.9 x 4.4 x 3	3850	3380	39.16	42	2402	13.91	---
6	515	---	---	---	9 x 4.3 x 3	3900	3520	38.7	39	2257	10.8	---
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" 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



# 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.

7946  
Engr. A. Rehman

To: Sub Divisional Officer  
Buildings Sub Division, Sambrial

Project: CORRECTIONAL FACILITIES REVAMPING PROGRAME ONE AT DISTRICT JAIL SIALKOT (RP) ADP  
NO. 3716 FOR THE YEAR 2023-24

Our Ref. No. CL/CED/ 6147

Dated: 11-10-24

Test Specification

Your Ref. No. 232/SMBL

Dated: 17/8/2024

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 04-10-24 Tested on: 11-10-24 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	Mchine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	---	2545	35.7	36	2259	---	---
2	Machine Made Double Line	---	---	---	8.5 x 4 x 2.6	---	2465	34	36	2372	---	---
3	Machine Made Double Line	---	---	---	8.4 x 3.9 x 2.5	---	2490	32.76	46	3145	---	---
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" 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.

7966  
Engr. A. Rehman

To: Mr. Mohsin Farooq Khokhar  
Acting Project Engineer (Civil), Defence Housing Authority, Maintenance Branch, A-11, Phase 1 Lhr  
Project: UPLIFTING OF PARKING AREA Near G-3 Masjid Sec G Phase V DHA Lahore. (Supply by M/S Banu Mukhtar)  
Our Ref. No. CL/CED/ 6148 Dated: 11-10-24  
Your Ref. No. Lab/Tuff Pavers/Maint Dated: 08-10-24

Test Specification  
( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-24 Tested on: 11-10-24 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 (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2745	29.64	111	8389	---	---
2	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2790	29.64	109	8238	---	---
3	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	103	7784	---	---
4	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	115	8691	---	---
5	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2835	29.64	109	8238	---	---
6	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2805	29.64	113	8540	---	---
7	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	111	8389	---	---
8	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2790	29.64	91	6877	---	---
9	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2815	29.64	107	8086	---	---
10	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2785	29.64	103	7784	---	---
11	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2795	29.64	106	8011	---	---
12	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	106	8011	---	---
13	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	96	7255	---	---
14	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2690	29.64	56	4232	---	---
15	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2790	29.64	118	8918	---	---
16	Rectangular (Citi) Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2740	29.64	105	7935	---	---

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