



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.

7727
 Dr. M. Yousaf

To: ZOOM Concrete Services Pvt. Ltd.
 2nd Floor, 20-B Phase-1, Commercial Bankers Co-Op Housing Society, Lahore.

Project: Construction of Attock Pump Bahria Town, Lahore.

Our Ref. No. CL/CED/ 5796

Dated: 04-09-24

Test Specification

Your Ref. No. 02

Dated: 03-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-09-24 **Tested on:** 04-09-24 **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	(3750 Psi)	2	7	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
2	(3750 Psi)	2	7	2024	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

7710
 Dr. M. Yousaf

To: Engr. Mazhar Latif
 Deputy General Manager (Projects), Lahore Smart City.

Project: Development of Lahore Smart City. (Punjab Tile, Actual Size:215mmx330mm)

Our Ref. No. CL/CED/ 5797

Dated: 04-09-24

Test Specification

Your Ref. No. L/LSC/MISC/24/0350

Dated: 30-08-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 30-08-24 **Tested on:** 04-09-24 **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	Clay Floor Tile, Color Peach	---	---	---	4x4x0.5	---	290	16	85	11900	---	Cut Piece
2	Clay Floor Tile, Color Peach	---	---	---	4x4x0.5	---	310	16	80	11200	---	Cut Piece
3	Clay Floor Tile, Color Peach	---	---	---	4x4x0.5	---	305	16	64	8960	---	Cut Piece
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" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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7692
 Engr. A. Rehman

To: Innovative Concrete Products (Pvt) Ltd.
 Office No. 414, 4th Floor, Al-Hafeez Business Center 89-B, Gulberg-III, Lahore.

Project: Blue Town Sapphire Manga Mandi, Lahore.

Our Ref. No. CL/CED/ 5798

Dated: 04-09-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27-08-24 **Tested on:** 04-09-24 **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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2860	29.64	133	10051	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2675	29.64	74	5592	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2695	29.64	123	9296	---	---
4	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2705	29.64	95	7179	---	---
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2675	29.64	117	8842	---	---
6	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2690	29.64	105	7935	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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ORIGINAL
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7679
 Dr. Aqsa

To: Mr. Imran Iftikhar
 Asstt: Executive Engineer, Central Civil Division-I, Pak. PWD; Lahore.
 Project: Construction of Additional School Boundary Wall and Class Rooms at Kanwaien Mallian Girls Middle School, District Kasur.
 Our Ref. No. CL/CED/ 5799 Dated: 04-09-24
 Your Ref. No. AEE-I/LCCD-I/232 Dated: 14-06-24

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 23-08-24 Tested on: 03-09-24 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	RM-1	---	---	---	8.7 x 4.3 x 2.9	3515	3140	37.41	46	2754	11.94	---
2	RM-1	---	---	---	8.8 x 4.3 x 2.8	3470	3170	37.84	43	2545	9.46	---
3	RM-1	---	---	---	8.8 x 4.3 x 2.9	3490	3145	37.84	33	1953	10.97	---
4	RM-1	---	---	---	8.7 x 4.3 x 2.8	3540	3175	37.41	39	2335	11.5	---
5	RM-1	---	---	---	8.8 x 4.3 x 2.8	3560	3140	37.84	47	2782	13.38	---
6	RM-1	---	---	---	8.8 x 4.3 x 2.8	3565	3175	37.84	39	2309	12.28	---
7	RM-1	---	---	---	8.8 x 4.3 x 3	3640	3265	37.84	44	2605	11.49	---
8	RM-1	---	---	---	8.7 x 4.3 x 3	3650	3320	37.41	41	2455	9.94	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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7679
 Dr. Aqsa

To: Mr. Imran Iftikhar
 Asstt: Executive Engineer, Central Civil Division-I, Pak. PWD; Lahore.
 Project: Construction of Additional School Boundary Wall and Class Rooms at Govt. Girls High School at Bhagiana Kalan, District Kasur.
 Our Ref. No. CL/CED/ 5800 Dated: 04-09-24
 Your Ref. No. AEE-I/LCCD-I/225 Dated: 13-06-24

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-08-24** Tested on: **03-09-24** 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	RSB	---	---	---	9 x 4.2 x 3	3775	3340	37.8	46	2726	13.02	---
2	RSB	---	---	---	8.8 x 4.2 x 2.9	3770	3350	36.96	38	2303	12.54	---
3	RSB	---	---	---	8.8 x 4.3 x 2.9	3625	3290	37.84	48	2841	10.18	---
4	RSB	---	---	---	8.8 x 4.3 x 3	3680	3280	37.84	43	2545	12.2	---
5	RSB	---	---	---	8.8 x 4.3 x 3	3645	3310	37.84	48	2841	10.12	---
6	RSB	---	---	---	8.8 x 4.3 x 2.9	3765	3300	37.84	44	2605	14.09	---
7	RSB	---	---	---	8.9 x 4.3 x 3	3860	3400	38.27	39	2283	13.53	---
8	RSB	---	---	---	8.6 x 4.3 x 2.9	3580	3330	36.98	43	2605	7.51	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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7691
 Dr. M. Yousaf

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 12-Courts Side)

Our Ref. No. CL/CED/ 5801

Dated: 04-09-24

Test Specification

Your Ref. No. No. 983

Dated: 27/8/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/8/2024 Tested on: 04-09-24 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	19	8	2024	6Diax12	---	13.8	28.28	26	2059	---	Non Engraved
2	4000 Psi	19	8	2024	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
3	4000 Psi	19	8	2024	6Diax12	---	13	28.28	28	2218	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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7691
 Dr. M. Yousaf

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/ 5802

Dated: 04-09-24

Test Specification

Your Ref. No. No. 981

Dated: 27/8/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/8/2024 Tested on: 04-09-24 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	---	12.6	28.28	12	950	---	Non Engraved
2	4000 Psi	16	8	2024	6Diax12	---	13	28.28	23	1822	---	Non Engraved
3	4000 Psi	16	8	2024	6Diax12	---	13	28.28	29	2297	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Dr. M. Yousaf

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 (6th Floor - Column Darbar Side)

Our Ref. No. CL/CED/ 5803

Dated: 04-09-24

Test Specification

Your Ref. No. No. 979

Dated: 27/8/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/8/2024 Tested on: 04-09-24 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	28	7	2024	6Diax12	---	13	28.28	38	3010	---	Non Engraved
2	4000 Psi	28	7	2024	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	4000 Psi	28	7	2024	6Diax12	---	13	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

7691
 Dr. M. Yousaf

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 (6th Floor - Slab Darbar Side)

Our Ref. No. CL/CED/ 5804

Dated: 04-09-24

Test Specification

Your Ref. No. No. 977

Dated: 27/8/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/8/2024 Tested on: 04-09-24 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	25	7	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	3000 Psi	25	7	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
3	3000 Psi	25	7	2024	6Diax12	---	12.4	28.28	24	1901	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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.

7724
 Dr. M. Yousaf

To: ALLIANCE Engineers & Contractors
 0

Project: Construction of the Hive Commercial Building at 107-108 OPF, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 5805

Dated: 04-09-24

Test Specification

Your Ref. No. # 0002000920240004

Dated: 02-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-09-24 Tested on: 04-09-24 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	---	14	28.28	64	5069	---	Non Engraved
2	---	13	8	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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.

7724
 Dr. M. Yousaf

To: ALLIANCE Engineers & Contractors
 M.A. Johar Town, Lahore.

Project: Construction of the Hive Commercial Building at 107-108 OPF, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 5806

Dated: 04-09-24

Test Specification

Your Ref. No. # 0002000920240004

Dated: 02-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-09-24 **Tested on:** 04-09-24 **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	---	29	6	2024	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
2	---	29	6	2024	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

7731
Dr. M. Yousaf

To: Mr. Muhammad Tufail
Construction Team Leader, Lahore Office, ZOR Engineers (Pvt) Limited, Model Town, Lahore

Project: PEEB HEAD OFFICE 1st FLOOR LAHORE

Our Ref. No. CL/CED/ 5807

Dated: 04-09-24

Test Specification

Your Ref. No. 230.13.1.14/MT/1

Dated: 03-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03-09-24 Tested on: 04-09-24 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	1st Floor Roof Slab (1:2:4)	20	7	2024	6Diax12	---	13.4	28.28	30	2376	---	Engraved
2	1st Floor Roof Slab (1:2:4)	20	7	2024	6Diax12	---	13.2	28.28	28	2218	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

7702
Dr. M. Yousaf

To: Mr. Atiq Ur Rehman
For Al-Hamd General Engineering Services

Project: Construction Work of Water Reservoir #05 at PIONEER CEMENT Plant Khushab, Punjab - PCC
100mm thick in Bed

Our Ref. No. CL/CED/ 5808

Dated: 04-09-24

Test Specification

Your Ref. No. Nil

Dated: 26/8/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/8/2024 Tested on: 04-09-24 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	C15	30	7	2024	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
2	C15	30	7	2024	6Diax12	---	13	28.28	61	4832	---	Non Engraved
3	C15	30	7	2024	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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-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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- 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.

7707
 Dr. M. Yousaf

To: Mr. M. Arslan Khaleel
 Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore

Project: Construction of Amanah Noor Residence (8th Floor Roof Slab Pour 2)

Our Ref. No. CL/CED/ 5809

Dated: 04-09-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30-08-24 Tested on: 04-09-24 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	8th Floor Roof Slab Pour 2	22	8	2024	6Diax12	---	13.4	28.28	23	1822	---	Non Engraved
2	8th Floor Roof Slab Pour 2	22	8	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
3	8th Floor Roof Slab Pour 2	23	8	2024	6Diax12	---	14	28.28	30	2376	---	Non Engraved
4	8th Floor Roof Slab Pour 2	23	8	2024	6Diax12	---	14	28.28	32	2535	---	Non Engraved
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.

7725
 Dr. M. Yousaf

To: Mr. Nasir Mahmood
 Construction Manager, ELITE Engineering (Pvt) Ltd.

Project: Construction of PSO Fuel Dispensing Facility at PAK Railways Workshop Lahore (Fire Water Tank Pad Concrete)

Our Ref. No. CL/CED/ 5810

Dated: 04-09-24

Test Specification

Your Ref. No. EEPL/10402/EL-10

Dated: 02-09-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **02-09-24** Tested on: **04-09-24** 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	5	8	2024	6x6x6	---	9.2	36	118	7342	---	Non Engraved
2	3000 Psi	5	8	2024	6x6x6	---	9	36	49	3049	---	Non Engraved
3	3000 Psi	5	8	2024	6x6x6	---	9	36	99	6160	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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.

7705
Dr. M. Yousaf

To: **TAHIR'S ARCHITECTS**
2-A Commercial, 2nd Floor, Phase 6, DHA, Lahore.

Project: **BUKHARI FARM HOUSE AT G.T ROAD MUREDKE**

Our Ref. No. **CL/CED/ 5811**

Dated: **04-09-24**

Test Specification

Your Ref. No. **CON./COMP./08-24**

Dated: **28/8/2024**

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **29/8/2024** Tested on: **04-09-24** 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3065	29.64	44	3325	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3090	29.64	34	2570	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3390	29.64	41	3099	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3240	29.64	47	3552	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3210	29.64	44	3325	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 2.9	---	2915	29.64	26	1965	---	---
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