



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.

6932
 Dr. Aqsa

To: Mr. M. K. Jamil
 Principal Architect & CEO, For Design Simulation

Project: FBL Building DHA Multan.

Our Ref. No. CL/CED/ 4523

Dated: 26-03-24

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: 26-03-24 Tested on: 26/03/2024 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	12	3	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
2	Retaining Wall	12	3	2024	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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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To: Mr. M. K. Jamil
 Principal Architect & CEO, Design Simulation

Project: FBL Building DHA Multan

Our Ref. No. CL/CED/ 4524

Dated: 26-03-24

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: 26-03-24 Tested on: 26/03/2024 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 Beam	2	2	2024	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	Pile & Cap Beam	2	2	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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Dr. Aqsa

To: Mr. M. K. Jamil
Principal Architect & CEO, Design Simulation

Project: FBL Building DHA Multan

Our Ref. No. CL/CED/ 4525

Dated: 26-03-24

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: 26-03-24 Tested on: 26/03/2024 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	29	2	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	Raft	29	2	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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6904
Dr. Aqsa

To: Engr. Najeeb Shahzad
Project Manager, Air Heights Developers Pvt. Ltd.

Project: DE VIEW Project

Our Ref. No. CL/CED/ 4526

Dated: 26-03-24

Test Specification

Your Ref. No. Nil

Dated: 19-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-03-24 Tested on: 26/03/2024 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	13	3	2024	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
2	Retaining Wall	13	3	2024	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
3	Retaining Wall	13	3	2024	6Diax12	---	13	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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6908
 Dr. Aqsa

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No. 60, C Block, Model Town, Lahore.

Our Ref. No. CL/CED/ 4527

Dated: 26-03-24

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: 21-03-24 Tested on: 26/03/2024 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	Front Retaining Wall (4000 Psi)	14	3	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	Front Retaining Wall (4000 Psi)	14	3	2024	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
3	Front Retaining Wall (4000 Psi)	14	3	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	Columns + Stair + R/W (4000 Psi)	15	3	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
5	Columns + Stair + R/W (4000 Psi)	15	3	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
6	Columns + Stair + R/W (4000 Psi)	15	3	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
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6935
 Dr. Aqsa

To: BUTTRESS Pvt. Ltd.
 215-Sector D, Askari-X, Lahore.

Project: 165-B, Sector C, Vista Conrad, Tower-1, Bahria Town.

Our Ref. No. CL/CED/ 4528

Dated: 26-03-24

Test Specification

Your Ref. No. Nil

Dated: 26-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 **Tested on:** 26-03-24 **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	26	2	2024	6x6x6	---	8.6	36	115	7156	---	Non Engraved
2	3000 Psi	26	2	2024	6x6x6	---	9	36	87	5413	---	Non Engraved
3	3000 Psi	26	2	2024	6x6x6	---	9	36	81	5040	---	Non Engraved
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