



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.

5070
 Dr. Umbreen

To: Mr. Ghulam Fareed.
 Material Engineer, Strong Ready Mix, Lahore.

Project: Construction of Alfateh Mall, Lahore.

Our Ref. No. CL/CED/ 1652

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **6/4/2023** Tested on: **06-04-23** 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	No.4 (3000 Psi)	20	2	2023	6 Diax12	---	14	28.28	59	4673	---	Non Engraved
2	No.6 (3000 Psi)	20	2	2023	6 Diax12	---	13.6	28.28	63	4990	---	Non Engraved
3	No.12 (3000 Psi)	20	2	2023	6 Diax12	---	14	28.28	61	4832	---	Non Engraved
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Witnessed by: Mr. Javed Iqbal, SQS Alfatah, CNIC # 35102-4898955-5

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5070
 Dr. Umbreen

To: Mr. Ghulam Fareed.
 Material Engineer, Strong Ready Mix, Lahore.

Project: Construction of Alfateh Mall, Lahore.

Our Ref. No. CL/CED/ 1653

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 6/4/2023 Tested on: 06-04-23 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	No.4 (3500 Psi)	20	2	2023	6 Diax12	---	13.4	28.28	67	5307	---	Non Engraved
2	No.6 (3500 Psi)	20	2	2023	6 Diax12	---	14	28.28	83	6574	---	Non Engraved
3	No.12 (3500 Psi)	20	2	2023	6 Diax12	---	13.8	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javed Iqbal, SQS Alfatah, CNIC # 35102-4898955-5

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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5070
 Dr. Umbreen

To: Mr. Ghulam Fareed.
 Material Engineer, Strong Ready Mix, Lahore.

Project: Construction of Alfateh Mall, Lahore.

Our Ref. No. CL/CED/ 1654

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **6/4/2023** Tested on: **06-04-23** 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	No.4 (4000 Psi)	18	2	2023	6 Diax12	---	13.8	28.28	55	4356	---	Non Engraved
2	No.6 (4000 Psi)	18	2	2023	6 Diax12	---	13	28.28	65	5149	---	Non Engraved
3	No.12 (4000 Psi)	18	2	2023	6 Diax12	---	12.8	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javed Iqbal, SQS Alfatah, CNIC # 35102-4898955-5

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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

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 Dr. Umbreen

To: Mr. Ghulam Fareed.
 Material Engineer, Strong Ready Mix, Lahore.

Project: Construction of Alfateh Mall, Lahore.

Our Ref. No. CL/CED/ 1655

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 6/4/2023 Tested on: 06-04-23 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	No.4 (4500 Psi)	22	2	2023	6 Diax12	---	13.8	28.28	104	8238	---	Non Engraved
2	No.6 (4500 Psi)	22	2	2023	6 Diax12	---	13.8	28.28	86	6812	---	Non Engraved
3	No.12 (4500 Psi)	22	2	2023	6 Diax12	---	14.6	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javed Iqbal, SQS Alfatah, CNIC # 35102-4898955-5

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5070
 Dr. Umbreen

To: Mr. Ghulam Fareed.
 Material Engineer, Strong Ready Mix, Lahore.

Project: Construction of Alfateh Mall, Lahore.

Our Ref. No. CL/CED/ 1656

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 05-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **6/4/2023** Tested on: **06-04-23** 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	No.4 (6000 Psi)	22	2	2023	6 Diax12	---	14	28.28	104	8238	---	Non Engraved
2	No.6 (6000 Psi)	22	2	2023	6 Diax12	---	14	28.28	104	8238	---	Non Engraved
3	No.12 (6000 Psi)	22	2	2023	6 Diax12	---	13.6	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javed Iqbal, SQS Alfatah, CNIC # 35102-4898955-5

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5051
 Dr. Yousaf

To: Sr. Project Manager
 For Ravians Construction (Pvt.) Ltd.

Project: Construction of Fantasy Plaza, Dream Garden, Lahore.

Our Ref. No. CL/CED/ 1657

Dated: 06-04-23

Test Specification

Your Ref. No. Nil

Dated: 04-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **4/4/2023** Tested on: **06-04-23** 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	2nd Floor (4000 Psi)	8	3	2023	6 Diax12	---	13.8	28.28	94	7446	---	Non Engraved
2	2nd Floor (4000 Psi)	8	3	2023	6 Diax12	---	14	28.28	92	7287	---	Non Engraved
3	2nd Floor (4000 Psi)	8	3	2023	6 Diax12	---	14	28.28	82	6495	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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5014
 Dr.M. Yousaf

To: Mr. M. Irfan
 High Rise Builders Private Limited.

Project: Construction of 289-HZ, Johar Town, Lahore.

Our Ref. No. CL/CED/ 1658

Dated: 06-04-23

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: 28-03-23 Tested on: 06-04-23 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	Ravi Sand	24	2	2023	6 Diax12	---	14.2	28.28	63	4990	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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5014
 Dr. Yousaf

To: Mr. M. Irfan
 High Rise Builders Private Limited.

Project: Construction of 289-HZ, Johar Town, Lahore.

Our Ref. No. CL/CED/ 1659

Dated: 06-04-23

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: **28-03-23** Tested on: **06-04-23** 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	Lawrencepur Sand	24	2	2023	6 Diax12	---	14.6	28.28	81	6416	---	Engraved
2	Lawrencepur Sand	24	2	2023	6 Diax12	---	14.6	28.28	87	6891	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5063
 Dr. Yousaf

To: Mr. Umer Farooq
 Bridgeway Developers Pvt. Ltd. Lahore.

Project: Construction of Pearl One Residencies , 26 Block-C, MM Alam Road Gulberg III, Lahore.

Our Ref. No. CL/CED/ 1660

Dated: 06-04-23

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: 05-04-23 Tested on: 06-04-23 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 (6000 Psi)	28	1	2023	6 Diax12	---	13.8	28.28	100	7921	---	Non Engraved
2	Column (6000 Psi)	28	1	2023	6 Diax12	---	13.4	28.28	100	7921	---	Non Engraved
3	Column (6000 Psi)	28	1	2023	6 Diax12	---	13.8	28.28	68	5386	---	Non Engraved
4	Slab (4000 Psi)	10	2	2023	6 Diax12	---	13.2	28.28	57	4515	---	Non Engraved
5	Slab (4000 Psi)	10	2	2023	6 Diax12	---	13.6	28.28	55	4356	---	Non Engraved
6	Slab (4000 Psi)	10	2	2023	6 Diax12	---	13.8	28.28	58	4594	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory