



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.

4476
 Dr. Mazhar

To: Mr. Talha Zahid
 E&dc Associates, 12/1-G Model Town, Lahore.

Project: Construction of Additional Girls Hostel and House Officers Hostel at CKMC, Kharian Cantt.

Our Ref. No. CL/CED/ 748

Dated: 28-12-22

Test Specification

Your Ref. No. E&dc-080/02

Dated: 26-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27-12-22** Tested on: **28-12-22** 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	House Officers Hostel (3000 Psi)	10	12	2022	6Diax12	---	12.4	28.28	27	2139	---	Engraved
2	House Officers Hostel (3000 Psi)	10	12	2022	6Diax12	---	12.2	28.28	31	2455	---	Engraved
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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
- **** ACI318-19 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
 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.

4466
 Dr. Mazhar

To: **Abdul Waheed**
 Project Manager, ABM Construction LLP

Project: **New Pet Line Coca Cola Green Field Project Lahore**

Our Ref. No. **CL/CED/ 749**

Dated: **28/12/2022**

Test Specification

Your Ref. No. **ABMC-3/2022**

Dated: **23/12/2022**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **23/12/2022** Tested on: **28/12/2022** 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	Concrete Cylinder (C30)	15	12	2022	6Diax12	---	12.8	28.28	41	3248	---	Non Engraved
2	Concrete Cylinder (C30)	15	12	2022	6Diax12	---	12.6	28.28	43	3406	---	Non Engraved
3	Concrete Cylinder (C30)	15	12	2022	6Diax12	---	12.4	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

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Director/Dy. Director Concrete Laboratory



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4466
 Dr. Mazhar

To: **Abdul Waheed**
 Project Manager, ABM Construction LLP

Project: **New Pet Line Coca Cola Green Field Project Lahore**

Our Ref. No. **CL/CED/ 749**

Dated: **28/12/2022**

Test Specification

Your Ref. No. **ABMC-4/2022**

Dated: **23/12/2022**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **23/12/2022** Tested on: **28/12/2022** 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	Concrete Cylinder (C30)	16	12	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
2	Concrete Cylinder (C30)	16	12	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	Concrete Cylinder (C30)	16	12	2022	6Diax12	---	12.8	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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4473
 Dr. Mazhar

To: **Muhammad Sohail Anjum**
 Project Manager, MS TOWER, G4 Lahore

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore

Our Ref. No. CL/CED/ 751

Dated: 28/12/2022

Test Specification

Your Ref. No. MST/UET/2022/C-076

Dated: 23/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **26/12/2022** Tested on: **28/12/2022** 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 (172)	23	11	2022	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	3000 Psi (173)	23	11	2022	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
3	3000 Psi (174)	23	11	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
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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"diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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4469
 Dr. Mazhar

To: Engr. Major Zia ul Islam (R)
 Project Director, GCC, Lahore- Overseas Construction Co. (Pvt.) Ltd.

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 752

Dated: 28/12/2022

Test Specification

Your Ref. No. OCC/CPD/08/74

Dated: 26/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **26/12/2022** Tested on: **28/12/2022** 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	6000 Psi	17	11	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	6000 Psi	17	11	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
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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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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4469
 Dr. Mazhar

To: Engr. Major Zia ul Islam (R)
 Project Director, GCC, Lahore- Overseas Construction Co. (Pvt.) Ltd.

Project: Construction of Gulberg City Centre

Our Ref. No. CL/CED/ 753

Dated: 28/12/2022

Test Specification

Your Ref. No. OCC/CPD/07/62

Dated: 26/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2022 Tested on: 28/12/2022 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	5000 Psi	1	11	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
2	5000 Psi	1	11	2022	6Diax12	---	12.4	28.28	49	3881	---	Non Engraved
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4469
 Dr. Mazhar

To: 0
 ICON Developers

Project: Construction of New Library in Aitchison College Lahore

Our Ref. No. CL/CED/ 754

Dated: 28/12/2022

Test Specification

Your Ref. No. 0

Dated: 19/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/12/2022 Tested on: 28/12/2022 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	Second Floor Slab (3000 Psi)	21	11	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
2	Second Floor Slab (3000 Psi)	21	11	2022	6Diax12	---	12.8	28.28	41	3248	---	Non Engraved
3	Second Floor Slab (3000 Psi)	21	11	2022	6Diax12	---	13	28.28	35	2772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4478
 Dr. Mazhar

To: Riaz Ahmed
 Riaz Construction Company (Civil Contractor)

Project: Nil

Our Ref. No. CL/CED/ 755

Dated: 28/12/2022

Test Specification

Your Ref. No. 0

Dated: 21/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/12/2022** Tested on: **28/12/2022** 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	---	21	11	2022	6x6x6	---	8.6	36	67	4169	---	Engraved
2	---	21	11	2022	6x6x6	---	8.4	36	71	4418	---	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" 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.

4480
 Dr. Mazhar

To: **Muhammad Imran Khan**
 Material Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (M/S Shafiq Construction Company)

Our Ref. No. CL/CED/ 756

Dated: 28/12/2022

Test Specification

Your Ref. No. ECSP/BGNU/ME/15

Dated: 16/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/12/2022** Tested on: **28/12/2022** 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	GF Col Admin Block (1:1.5:3)	17	11	2022	6x6x6	---	8.6	36	117	7280	---	Engraved
2	GF Col Admin Block (1:1.5:3)	17	11	2022	6x6x6	---	9.2	36	114	7093	---	Engraved
3	GF Col Admin Block (1:1.5:3)	17	11	2022	6x6x6	---	8.2	36	112	6969	---	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-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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

4475
 Dr. Mazhar

To: Umair Abbas
 AM Operations, Everfresh Farms (Pvt) Limited

Project: Everfresh Farms Pvt Ltd

Our Ref. No. CL/CED/ 757

Dated: 28/12/2022

Test Specification

Your Ref. No. 0

Dated: 12-05-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2022 Tested on: 28/12/2022 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	---	8	11	2022	6x6x6	---	8.6	36	124	7716	---	Non Engraved
2	---	8	11	2022	6x6x6	---	8.6	36	128	7964	---	Non Engraved
3	---	11	11	2022	6x6x6	---	8.4	36	108	6720	---	Non Engraved
4	---	11	11	2022	6x6x6	---	8.4	36	120	7467	---	Non Engraved
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)
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