



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.

5255
 Dr. Umbreen

To: Mr. Muhammad Ali
 MAQ Construction.

Project: Column & Beam of O.H.W. Tank at Luxorion Garden at Muridkey.

Our Ref. No. CL/CED/ 1967

Dated: 22-05-23

Test Specification

Your Ref. No. Nil

Dated: 22-05-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 22-05-23 **Tested on:** 22-05-23 **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	3000 Psi	30	4	2023	6x6x6	---	8	36	73	4542	---	Non Engraved
2	3000 Psi	30	4	2023	6x6x6	---	8.2	36	71	4418	---	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" 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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ORIGINAL
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5248
 Dr. Umbreen

To: Project Manager
 Al-Imam PMC (Pvt) Ltd.

Project: Construction of New Telehouse Brick Room at Zong MSC Faisalabad.

Our Ref. No. CL/CED/ 1968

Dated: 22-05-23

Test Specification

Your Ref. No. Alm/CMPak/23/195

Dated: 19-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19-05-23 **Tested on:** 22-05-23 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	DG Pad (3000 Psi)	19	4	2023	6Diax12	---	13	28.28	65	5149	---	Non Engraved
2	DG Pad (3000 Psi)	19	4	2023	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Naeem Yaseen, CNIC # 35202-2670505-7

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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ORIGINAL
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5214
 Dr. Umbreen

To: Omair Sadiq, Project Manager
 One Liberty Mall and H&S Hotel

Project: One Liberty Mall and H&S Hotel at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 1969

Dated: 23-05-23

Test Specification

Your Ref. No. OL/OS/2023/46

Dated: 15-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 15-05-23 Tested on: 22-05-23 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	16th Floor Slab	17	4	2023	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
2	16th Floor Slab	17	4	2023	6Diax12	---	13	28.28	77	6099	---	Non Engraved
3	16th Floor Slab	17	4	2023	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
4	15th - 16th Floor	12	4	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
5	15th - 16th Floor	12	4	2023	6Diax12	---	13.4	28.28	98	7762	---	Non Engraved
6	15th - 16th Floor	12	4	2023	6Diax12	---	14.2	28.28	104	8238	---	Non Engraved
7	16th Floor Slab	11	4	2023	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
8	16th Floor Slab	11	4	2023	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
9	16th Floor Slab	11	4	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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ORIGINAL
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5227
 Dr. Umbreen

To: Project Manager
 Baig Construction Company, Engineers and Contractors

Project: Construction of Chohan Hospital, Jail Road, Lahore.

Our Ref. No. CL/CED/ 1970

Dated: 23-05-23

Test Specification

Your Ref. No. BCC/UET/20230510

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-05-23 Tested on: 22-05-23 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	Water Tank (3000psi)	9	4	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
2	Water Tank (3000psi)	9	4	2023	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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5227
 Dr. Umbreen

To: Project Manager
 Baig Construction Company, Engineers and Contractors

Project: Construction of Chohan Hospital, Jail Road, Lahore.

Our Ref. No. CL/CED/ 1971

Dated: 23-05-23

Test Specification

Your Ref. No. BCC/UET/20230510

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-05-23 Tested on: 22-05-23 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	Columns (4500 psi)	7	4	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
2	Columns (4500 psi)	7	4	2023	6Diax12	---	13.2	28.28	61	4832	---	Non 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)
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5227
 Dr. Umbreen

To: Project Manager
 Baig Construction Company, Engineers and Contractors

Project: Construction of Chohan Hospital, Jail Road, Lahore.

Our Ref. No. CL/CED/ 1972

Dated: 23-05-23

Test Specification

Your Ref. No. BCC/UET/20230510

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-05-23 Tested on: 22-05-23 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	Retaining Wall (4500 psi)	7	4	2023	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
2	Retaining Wall (4500 psi)	7	4	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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To: Project Manager
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Project: Construction of Chohan Hospital, Jail Road, Lahore

Our Ref. No. CL/CED/ 1973

Dated: 23-05-23

Test Specification

Your Ref. No. BCC/UET/20230510

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-05-23 Tested on: 22-05-23 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	Raft Part-3 (3000 psi)	14	4	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	Raft Part-3 (3000 psi)	14	4	2023	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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5227
 Dr. Umbreen

To: Project Manager
 Baig Construction Company, Engineers and Contractors

Project: Construction of Chohan Hospital, Jail Road, Lahore.

Our Ref. No. CL/CED/ 1974

Dated: 23-05-23

Test Specification

Your Ref. No. BCC/UET/20230510

Dated: 10-05-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

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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 Part-2 (3000 psi)	2	4	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	Raft Part-2 (3000 psi)	2	4	2023	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

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.

5245
 Dr. Umbreen

To: M/S Zaron Construction Services
 Ghouri Town, Islamabad.

Project: Construction of M & R Store Block at Sialkot Aviation Sialkot Airport.

Our Ref. No. CL/CED/ 1975

Dated: 23-05-23

Test Specification

Your Ref. No. Nil

Dated: 18-05-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **18-05-23** Tested on: **22-05-23** 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	C-1	11	3	23	6x6x6	---	8.2	36	100	6222	---	Engraved
2	C-1	11	3	23	6x6x6	---	8.2	36	104	6471	---	Engraved
3	C-1	11	3	23	6x6x6	---	8.4	36	124	7716	---	Engraved
4	PB	7	5	23	6x6x6	---	8	36	37	2302	---	Non Engraved
5	PB	7	5	23	6x6x6	---	7.8	36	39	2427	---	Engraved
6	PB	7	5	23	6x6x6	---	7.8	36	37	2302	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

5247
 Dr. Umbreen

To: Mr. Ashiq Ali
 Mustafabad Lahore Cantt.

Project: Residence of Henna Haque 116H Model Town, Lahore

Our Ref. No. CL/CED/ 1976

Dated: 23-05-23

Test Specification

Your Ref. No. Gen-430/3

Dated: 19-05-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 19-05-23 Tested on: 22-05-23 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	---	18	4	23	6x6x6	---	8.4	36	94	5849	---	Non Engraved
2	---	18	4	23	6x6x6	---	8.4	36	96	5973	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

5222
 Dr. Umbreen

To: (M. Nadeem Zafarullah) Incharge Civil for Managing Director
 Sui Northern Gas Pipelines Limited.

Project: Upgradation Work at Regional Distribution Office at I-9 Islamabad.

Our Ref. No. CL/CED/ 1977

Dated: 23-05-23

Test Specification

Your Ref. No. CC/RDO/ISD/I-9/01

Dated: 02-05-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 16-05-23 **Tested on:** 22-05-23 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2695	29.64	140	10580	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	150	11336	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	124	9371	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2715	29.64	128	9673	---	---
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/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4. **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory