



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.

5309
 Dr. M. Mazhar

To: Engr. Muhammad Umar
 E&dc Associates

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

Our Ref. No. CL/CED/ 2052

Dated: 31-05-23

Test Specification

Your Ref. No. E&dc-080/10

Dated: 29-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30-05-23** Tested on: **31-05-23** 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	F.F Col. of A.G.H Bldg. (3000 Psi)	18	5	2023	6Diax12	---	13.2	28.28	47	3723	---	Engraved
2	F.F Col. of A.G.H Bldg. (3000 Psi)	18	5	2023	6Diax12	---	13.2	28.28	45	3564	---	Engraved
3	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12	---	13.4	28.28	20	1584	---	Engraved
4	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12	---	12.6	28.28	49	3881	---	Engraved
5	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12	---	12.8	28.28	35	2772	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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5288
 Dr. M. Mazhar

To: Assistant Executive Engineer-I
 Central Civil Division No.II, Pak P.W.D, Lahore.

Project: Construction of Carpeting Road from Mota Singh to Karbath Badian Road, District Lahore. (Phase-III) (Sub-Head: Bridge)

Our Ref. No. CL/CED/ 2053

Dated: 31-05-23

Test Specification

Your Ref. No. AEE-I/LCCD-II/SAP/166

Dated: 25-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25-05-23 Tested on: 31-05-23 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	---	30	4	2023	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
2	---	30	4	2023	6Diax12	---	13	28.28	75	5941	---	Non Engraved
3	---	30	4	2023	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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5314
 Dr. M. Mazhar

To: Sub Divisional Officer
 Building Sub Division No. 2, Lahore.

Project: Rehabilitation at Government Model Girls High School Nazooli Bazar Mozang, Lahore (ADP No. 229 for the Year 2022-23)

Our Ref. No. CL/CED/ 2054

Dated: 31/5/2023

Test Specification

Your Ref. No. 1609/2nd

Dated: 15/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 31/05/2023 **Tested on:** 31/5/2023 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	RCC Columns (1:1.5:3)	7	5	2023	6x6x6	---	8.6	36	53	3298	---	Non Engraved
2	RCC Columns (1:1.5:3)	7	5	2023	6x6x6	---	8.6	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" 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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5313
 Dr. M. Mazhar

To: Engr's. Abdul Waheed
 OZ DEVELOPERS Pvt. Ltd.

Project: Construction of a High Rise Building "Bahria Sky" at Bahria Orchard Phase 4 Lahore.

Our Ref. No. CL/CED/ 2055

Dated: 31/5/2023

Test Specification

Your Ref. No. Nil

Dated: 31/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **31/05/2023** Tested on: **31/5/2023** 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	---	16	5	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	---	16	5	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	---	17	5	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
4	---	17	5	2023	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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ORIGINAL
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5310
 Dr. M. Mazhar

To: Mr. AMEIN UDDIN
 Majeed Associates (Pvt) Ltd.

Project: Construction of ABL Bank Expo Centre Johar Town Lahore. (Tetra Ready Mix)

Our Ref. No. CL/CED/ 2056

Dated: 31/5/2023

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: **30/05/2023** Tested on: **31/5/2023** 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	Basement Slab (4000 Psi)	21	5	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	Basement Slab (4000 Psi)	21	5	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5287
 Dr. M. Mazhar

To: Mr. Abdul Karim Tahir
 Head Coordination and Development Adabistan-e-Soophia School

Project: Nil

Our Ref. No. CL/CED/ 2057

Dated: 31/5/2023

Test Specification

Your Ref. No. AES/23/

Dated: 24/05/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 35/05/2023 **Tested on:** 31/5/2023 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	---	15	5	2023	6Diax12	---	14	28.28	35	2772	---	Non Engraved
2	---	15	5	2023	6Diax12	---	13.8	28.28	39	3089	---	Non Engraved
3	---	15	5	2023	6Diax12	---	14.2	28.28	29	2297	---	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/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5293
 Dr. M. Mazhar

To: Mr. Abdul Basit Mansoor
 Assistant Executive Engineer-III, Central Civil Division No. II, Pak P.W.D., Lahore

Project: Construction of PCC, Sewerage and Tuff Tiles in UC-54 of District Lahore

Our Ref. No. CL/CED/ 2058

Dated: 31/5/2023

Test Specification

Your Ref. No. AEE-III/LCCD-II/LHR/21

Dated: 08-02-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26/05/2023 **Tested on:** 31/5/2023 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	2	2023	6x6x6	---	7.4	36	35	2178	---	Non Engraved
2	---	8	2	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
3	---	8	2	2023	6x6x6	---	8.2	36	114	7093	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 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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5307
 Dr. M. Mazhar

To: Assistant Project Director
 Project Management Unit (PMU) Government of the Punjab Sports Board Punjab (SBP)

Project: Establishment of Rural Sports Facilities at Saidpur District Kasur GS No # 370

Our Ref. No. CL/CED/ 2059

Dated: 31/5/2023

Test Specification

Your Ref. No. APD/PMU/SBP/LHR/23/559

Dated: 22/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 30/05/2023 **Tested on:** 31/5/2023 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	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6	---	8.6	36	118	7342	---	Engraved
2	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6	---	8.6	36	115	7156	---	Engraved
3	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6	---	8.4	36	100	6222	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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-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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- 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.

5303
 Dr. M. Mazhar

To: Sub Divisional Officer,
 Building Sub Division No. 2, Lahore.

Project: Expansion/Rehabilitation of Child Protection and Welfare Bureau, Lahore

Our Ref. No. CL/CED/ 2060

Dated: 31/5/2023

Test Specification

Your Ref. No. 1602/2nd

Dated: 13/5/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/05/2023 **Tested on:** 31/5/2023 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	RCC (1:2:4) Admin Block	22	3	2023	6x6x6	---	8.8	36	59	3671	---	Non Engraved
2	RCC (1:2:4) Admin Block	22	3	2023	6x6x6	---	8.8	36	75	4667	---	Non Engraved
3	RCC Col. (1:1.5:3) Ground Floor	30	3	2023	6x6x6	---	8.8	36	55	3422	---	Non Engraved
4	RCC Col. (1:1.5:3) Ground Floor	30	3	2023	6x6x6	---	8.6	36	83	5164	---	Non Engraved
5	RCC Slab (1:2:4) First Floor	18	4	2023	6x6x6	---	9	36	83	5164	---	Non Engraved
6	RCC Slab (1:2:4) First Floor	18	4	2023	6x6x6	---	9	36	94	5849	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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.

5300
 Dr. M. Mazhar

To: Sub Divisional Officer,
 Buildings Sub Division No. 19, GOR-1, Lahore.

Project: UP GRADATION & IMPROVEMENT OF OPEN AIR THEATRE BAGH-E-JINNAH, LAHORE (ADP NO. 6938)

Our Ref. No. CL/CED/ 2061

Dated: 31/5/2023

Test Specification

Your Ref. No. 1664

Dated: 22/3/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/05/2023 **Tested on:** 31/5/2023 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	Open Air Theatre Piles Work)	22	3	2023	6x6x6	---	8.4	36	65	4044	---	Non Engraved
2	Open Air Theatre Piles Work)	22	3	2023	6x6x6	---	8.8	36	104	6471	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory