



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.

5090
 Dr. Mazhar

To: Mr. AMEIN UDDIN
 PM Project, Majeed Associates (Pvt.) Ltd. Karachi.

Project: Construction of ABL BANK EXPO CENTRE JOHAR TOWN LAHORE. (Tetra Ready Mix)

Our Ref. No. CL/CED/ 1699

Dated: 12-04-23

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: 10-04-23 **Tested on:** 12-04-23 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	4000 Psi	30	3	2023	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
2	4000 Psi	30	3	2023	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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5044
 Dr. Mazhar

To: Resident Engineer (Civil)
 Model Bazaar Head Office Building, MASCON ASSOCIATES (Pvt) Ltd and HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 1700

Dated: 12-04-23

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/039

Dated: 29-03-2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/04/2023 **Tested on:** 12-04-23 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	3rd Floor Lifts (3000 Psi)	23	3	2023	6Diax12	---	13	28.28	29	2297	---	Non Engraved
2	3rd Floor Lifts (3000 Psi)	23	3	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
3	3rd Floor Lifts (3000 Psi)	23	3	2023	6Diax12	---	13	28.28	35	2772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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5081
 Dr. Mazhar

To: Cantonment Executive Officer, Sargodha Cantt
 Office of the Cantonment Board Sargodha

Project: Providing laying of Sewerage Lines/ Disposal Ward No. 04 Sargodha Cantt (Phase I)

Our Ref. No. CL/CED/ 1701

Dated: 12-04-23

Test Specification

Your Ref. No. CBS/Cant/01/81

Dated: 02-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/04/2023 **Tested on:** 12-04-23 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	---	5	3	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	---	5	3	2023	6Diax12	---	13.2	28.28	51	4040	---	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/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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



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5081
 Dr. Mazhar

To: Cantonment Executive Officer, Sargodha Cantt
 Office of the Cantonment Board Sargodha

Project: Providing laying of Sewerage Lines at Ward No. 03 Sargodha Cantt (Phase-I)

Our Ref. No. CL/CED/ 1702

Dated: 12-04-23

Test Specification

Your Ref. No. CBS/Cant/01/84

Dated: 02-03-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/04/2023 **Tested on:** 12-04-23 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	---	4	3	2023	6Diax12	---	13.2	28.28	20	1584	---	Non Engraved
2	---	4	3	2023	6Diax12	---	13	28.28	61	4832	---	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/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

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)
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Director/Dy. Director Concrete Laboratory



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5102
 Dr. 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 & Tuff Tiles in UC-93 PH-II of District Lahore

Our Ref. No. CL/CED/ 1703

Dated: 12-04-23

Test Specification

Your Ref. No. AEE-III/LCCD-II/LHR/07

Dated: 24/1/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/04/2023 **Tested on:** 12-04-23 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	---	24	1	2023	6x6x6	---	8	36	69	4293	---	Non Engraved
2	---	24	1	2023	6x6x6	---	8	36	65	4044	---	Non Engraved
3	---	24	1	2023	6x6x6	---	8.2	36	35	2178	---	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" 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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5102
 Dr. 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 & Tuff Tiles in UC-71 PH-II of District Lahore

Our Ref. No. CL/CED/ 1704

Dated: 12-04-23

Test Specification

Your Ref. No. AEE-III/LCCD-II/LHR/10

Dated: 24/1/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/04/2023 **Tested on:** 12-04-23 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	---	24	1	2023	6x6x6	---	8.8	36	39	2427	---	Non Engraved
2	---	24	1	2023	6x6x6	---	8.4	36	53	3298	---	Non Engraved
3	---	24	1	2023	6x6x6	---	8	36	67	4169	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5103
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 22 Lahore

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1705

Dated: 12-04-23

Test Specification

Your Ref. No. 74/22nd

Dated: 04-04-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/04/2023 **Tested on:** 12-04-23 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	R.C.C. (1:2:4) Fourth/F Slab	6	3	2023	6x6x6	---	8	36	77	4791	---	Non Engraved
2	R.C.C. (1:2:4) Fourth/F Slab	6	3	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
3	R.C.C. (1:2:4) Fourth/F Slab	6	3	2023	6x6x6	---	8.2	36	86	5351	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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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5086 & 5099
 Dr. Asad Gilani

To: (Mr. Muhammad Aslam Sipra), Assistant Executive Engineer-IV
 Central Civil Division No.II, Pak P.W.D., Lahore.

Project: Construction of Sewerage, Drainage, PCC & Carpeting in UC-120 Lahore. (M/S Abaan Construction Co. Govt. Contractor)

Our Ref. No. CL/CED/ 1706

Dated: 12-04-23

Test Specification

Your Ref. No. AEE-IV/LCCD-II/LHR/208

Dated: 14-03-23

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-04-23** Tested on: **12-04-23** 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	(1:2:4)	10	3	2023	6x6x6	---	8.4	36	67	4169	---	Non Engraved
2	(1:2:4)	10	3	2023	6x6x6	---	8.2	36	69	4293	---	Non Engraved
3	(1:4:8)	3	3	2023	6x6x6	---	8.2	36	59	3671	---	Non Engraved
4	(1:4:8)	3	3	2023	6x6x6	---	8.1	36	61	3796	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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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.

5107
 Engr. Ubaid

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

Project: Gulberg City Centre (Location: Slab + 4'-6", Grid 5-1, B.1-E.3)

Our Ref. No. CL/CED/ 1707

Dated: 13-04-23

Test Specification

Your Ref. No. OCC/CPD/24/161

Dated: 12-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-04-23 Tested on: 13-04-23 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	4000 Psi	29	3	2023	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
2	4000 Psi	29	3	2023	6Diax12	---	13	28.28	51	4040	---	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/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5107
 Engr. Ubaid

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

Project: Gulberg City Centre (Location: Slab -7'-8" Grid (5-1 E.3-F.2) Grid 2-10 F.1-F.2)

Our Ref. No. CL/CED/ 1708

Dated: 13-04-23

Test Specification

Your Ref. No. OCC/CPD/24/160

Dated: 12-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-04-23 **Tested on:** 13-04-23 **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	4000 Psi	28	3	2023	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
2	4000 Psi	28	3	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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