



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.

3906
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 9, Lahore

Project: Master Planning of Qurban Lines Lahore (Phase-1). Construction of BS (18-19) Apartments at Qurban Lines Lahore

Our Ref. No. CL/CED/ 9867

Dated: 21/9/2022

Test Specification

Your Ref. No. 170/9th

Dated: 11-08-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20/9/2022 Tested on: 21/9/2022 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 cube ratio (1:1.5:3)	14	8	2022	6x6x6	---	8.6	36	114	7093	---	Non Engraved
2	Concrete cube ratio (1:1.5:3)	14	8	2022	6x6x6	---	8.6	36	96	5973	---	Non Engraved
3	Concrete cube ratio (1:1.5:3)	14	8	2022	6x6x6	---	8.6	36	94	5849	---	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

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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3906
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: Construction of Court Rooms for Judicial Officers at Model Town Lahore Group No. 1

Our Ref. No. CL/CED/ 9868

Dated: 21/9/2022

Test Specification

Your Ref. No. No. 2640

Dated: 14/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20/9/2022 Tested on: 21/9/2022 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	1:1-1/2:3 (Columns + Lift)	13	8	2022	6x6x6	---	8.4	36	86	5351	---	Non Engraved
2	1:1-1/2:3 (Columns + Lift)	13	8	2022	6x6x6	---	8.4	36	118	7342	---	Non Engraved
3	1:1-1/2:3 (Columns + Lift)	13	8	2022	6x6x6	---	8.6	36	83	5164	---	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

- 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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3897
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 20, Lahore

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 for the Year 2021-22)

Our Ref. No. CL/CED/ 9869

Dated: 21/9/2022

Test Specification

Your Ref. No. 359/20th

Dated: 19/8/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 19/9/2022 Tested on: 21/9/2022 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	R.C.C Lift Well F/F (1: 1-1/2: 3)	27	7	2022	6x6x6	---	8.8	36	75	4667	---	Non Engraved
2	R.C.C Lift Well F/F (1: 1-1/2: 3)	27	7	2022	6x6x6	---	8.6	36	71	4418	---	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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3900
 Dr. Mazhar

To: Resident Engineer
 Engineering Services Consultants

Project: Re-Construction/widening of Road from Hafizabad to Sukheke Mandi L = 29.24 KM (Sec. K.M. 0.00 to 7.40 & 23.70 to 29.24 L = 13.14 KMS) in District Hafizabad

Our Ref. No. CL/CED/ 9870

Dated: 21/9/2022

Test Specification

Your Ref. No. RE/ESC/ADP/HFZ-104

Dated: 16/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 19/9/2022 Tested on: 21/9/2022 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	Rigid Pavement (1:1.5:3)	23	8	2022	6x6x6	---	9	36	102	6347	---	Non Engraved
2	Rigid Pavement (1:1.5:3)	23	8	2022	6x6x6	---	9	36	90	5600	---	Non Engraved
3	Rigid Pavement (1:1.5:3)	23	8	2022	6x6x6	---	9	36	81	5040	---	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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ORIGINAL
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3907
 Dr. Mazhar

To: Engr. Hassan Mahmood
 Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd
 Project: Construction of Newlife Residency Apartments at 273/1 Q Block Phase-II DHA, Lahore.
 (Contractor: M/s Ghousia Engineering & Construction (Pvt.) Ltd. Lahore.)
 Our Ref. No. CL/CED/ 9871 Dated: 21/9/2022
 Your Ref. No. G3/DHA-NLD/RE/99 Dated: 19/9/2022

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **20/9/2022** Tested on: **21/9/2022** 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	FF Column/Lift Wall (5000 Psi)	23	8	2022	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
2	FF Column/Lift Wall (5000 Psi)	23	8	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	FF Column/Lift Wall (5000 Psi)	23	8	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3887
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9872

Dated: 21/9/2022

Test Specification

Your Ref. No. IHPL/Con/891

Dated: 31/8/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **15/9/2022** Tested on: **21/9/2022** 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	4000 Psi	13	8	2022	6Diax12	---	14.2	28.28	75	5941	---	Non Engraved
2	4000 Psi	13	8	2022	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	4000 Psi	13	8	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan (K.B)

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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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3887
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 9873

Dated: 21/9/2022

Test Specification

Your Ref. No. IHPL/Con/890

Dated: 31/8/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **15/9/2022** Tested on: **21/9/2022** 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	12	8	2022	6Diax12	---	14.4	28.28	96	7604	---	Non Engraved
2	5000 Psi	12	8	2022	6Diax12	---	13.8	28.28	89	7050	---	Non Engraved
3	5000 Psi	12	8	2022	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan (K.B)

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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3905
 Dr. Mazhar

To: Engr. Zaheer ud Din Babar
 Deputy General Manager Projects, for Habib Rafiq Engineering (Pvt.) Ltd

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 9874

Dated: 21/9/2022

Test Specification

Your Ref. No. HRLE/SKG/2022/064

Dated: 20/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/9/2022 Tested on: 21/9/2022 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	RCC Raft 8th Pour (6000 Psi)	25	8	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	RCC Raft 8th Pour (6000 Psi)	25	8	2022	6Diax12	---	13.8	28.28	100	7921	---	Non Engraved
3	RCC Raft 8th Pour (6000 Psi)	25	8	2022	6Diax12	---	14	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

3874
 Dr. Umbreen

To: M/S Vertical Heights
 Phase 6, DHA, Lahore.

Project: Vertical Heights Plot # 68B-2 Gulberg-III Lahore

Our Ref. No. CL/CED/ 9875-1 of 2

Dated: 21/9/2022

Test Specification

Your Ref. No. Nil

Dated: 14/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14/9/2022 **Tested on:** 19-09-22 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	Raft (4000 Psi)	3	7	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
2	Raft (4000 Psi)	3	7	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
3	Raft (4000 Psi)	3	7	2022	6Diax12	---	14	28.28	61	4832	---	Non Engraved
4	Raft (4000 Psi)	3	7	2022	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
5	Raft (4000 Psi)	3	7	2022	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
6	Raft (4000 Psi)	3	7	2022	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
7	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
8	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
9	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
10	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
11	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
12	Retaining Walls (4000 Psi)	1	8	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
13	Columns (5000 Psi)	16	8	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
14	Columns (5000 Psi)	16	8	2022	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
15	Columns (5000 Psi)	16	8	2022	6Diax12	---	13.4	28.28	94	7446	---	Non Engraved
16	Columns (5000 Psi)	16	8	2022	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved

Witnessed by: Mr. Riaz ul Hassan, CNIC # 36402-9593943-9

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To: M/S Vertical Heights
 Phase 6, DHA, Lahore.

Project: Vertical Heights Plot # 68B-2 Gulberg-III Lahore

Our Ref. No. CL/CED/ 9875-2 of 2

Dated: 21/9/2022

Test Specification

Your Ref. No. Nil

Dated: 14/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



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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								
17	Columns (5000 Psi)	16	8	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
18	Columns (5000 Psi)	16	8	2022	6Diax12	---	13	28.28	86	6812	---	Non Engraved
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
32	---	---	---	---	---	---	---	---	---	---	---	---

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