



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.

4354
 Dr. Yousaf

To: Mr. Arif Siddique
 Ideal Construction Service.

Project: Construction of FMH Tower, Lahore.

Our Ref. No. CL/CED/ 556

Dated: 06-12-22

Test Specification

Your Ref. No. ICS/786/470

Dated: 05-12-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 05-12-22 Tested on: 06-12-22 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	---	26	11	2022	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
2	---	26	11	2022	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	---	26	11	2022	6Diax12	---	14	28.28	56	4436	---	Non Engraved
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"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
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4348 & 4352
 Dr. Yousaf

To: Engr. Hassan Mahmood, Resident Engineer
 G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of DHA 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/ 557

Dated: 06-12-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/119

Dated: 01-12-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 02-12-22 **Tested on:** 06-12-22 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	Pour-3,3rd F. Roof Slab(4000 Psi)	1	11	2022	6Diax12	---	13.2	28.28	60	4752	---	Engraved
2	Pour-3,3rd F. Roof Slab(4000 Psi)	1	11	2022	6Diax12	---	13.4	28.28	62	4911	---	Engraved
3	Pour-3,3rd F. Roof Slab(4000 Psi)	1	11	2022	6Diax12	---	13.4	28.28	58	4594	---	Engraved
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
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- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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4348 & 4352
 Dr. Yousaf

To: Engr. Hassan Mahmood, Resident Engineer
 G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of DHA 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/ 558

Dated: 06-12-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/118

Dated: 01-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **02-12-22** Tested on: **06-12-22** 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	Col. From 4th to 5th F. (5000 Psi)	5	11	2022	6Diax12	---	13.8	28.28	57	4515	---	Engraved
2	Col. From 4th to 5th F. (5000 Psi)	5	11	2022	6Diax12	---	13.4	28.28	40	3168	---	Engraved
3	Col. From 4th to 5th F. (5000 Psi)	5	11	2022	6Diax12	---	13.2	28.28	56	4436	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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4358
 Dr. Aqsa

To: Mr. Sohaib A. Ataullah, GM (City Project)
 Vision Developers (Pvt.) Ltd. 55C, Gulberg-III, Lahore.

Project: FARMHOUSE (Swimming Pool & Trenches)

Our Ref. No. CL/CED/ 559

Dated: 06-12-22

Test Specification

Your Ref. No. VD/CP/012/05122022

Dated: 05-12-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-12-22** Tested on: **06-12-22** 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	3000 Psi	3	11	2022	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
2	3000 Psi	3	11	2022	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	3000 Psi	3	11	2022	6Diax12	---	13	28.28	31	2455	---	Non Engraved
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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4355
 Dr. Aqsa

To: Mr. Arif Siddique
 Ideal Construction Service, 2-km Kamahan Road, Bank Stop, Ferozepur Road, Lahore.

Project: FMH Tower Lahore

Our Ref. No. CL/CED/ 560

Dated: 06-12-22

Test Specification

Your Ref. No. ICS/786/469

Dated: 05-12-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-12-22** Tested on: **06-12-22** 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	---	6	11	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
2	---	6	11	2022	6Diax12	---	13.6	28.28	88	6970	---	Non Engraved
3	---	6	11	2022	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
4	---	7	11	2022	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
5	---	7	11	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
6	---	7	11	2022	6Diax12	---	12.8	28.28	80	6337	---	Non 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/>

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- ** 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

- 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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ORIGINAL
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4356
 Dr. Aqsa

To: Mr. Qamar Uz Zaman, Project Manager
 Aujla and Associates, Town Developers Pvt. Ltd.

Project: Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 561

Dated: 06-12-22

Test Specification

Your Ref. No. Nil

Dated: 05-12-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-12-22 **Tested on:** 06-12-22 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	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2125	29.26	106	8115	---	---
2	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2190	29.26	101	7732	---	---
3	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2235	29.26	105	8038	---	---
4	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2155	29.26	101	7732	---	---
5	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2120	29.26	106	8115	---	---
6	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2222	29.26	109	8344	---	---
7	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2170	29.26	102	7809	---	---
8	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2035	29.26	120	9187	---	---
9	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2015	29.26	108	8268	---	---
10	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	1970	29.26	100	7656	---	---
11	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2120	29.26	100	7656	---	---
12	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2120	29.26	105	8038	---	---
13	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2135	29.26	96	7349	---	---
14	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2175	29.26	102	7809	---	---
15	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2165	29.26	105	8038	---	---
16	Rectangular, Red, 50mm	---	---	---	7.7 x 3.8 x 2	---	2130	29.26	93	7120	---	---

Witnessed by:

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

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4356
 Dr. Aqsa

To: Mr. Qamar Uz Zaman, Project Manager
 Aujla and Associates, Town Developers Pvt. Ltd.

Project: Royal Palm City Housing Scheme Gujranwala

Our Ref. No. CL/CED/ 562

Dated: 06-12-22

Test Specification

Your Ref. No. Nil

Dated: 05-12-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-12-22 **Tested on:** 06-12-22 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	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2220	29.26	112	8574	---	---
2	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2170	29.26	108	8268	---	---
3	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2180	29.26	113	8651	---	---
4	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2175	29.26	101	7732	---	---
5	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2195	29.26	103	7885	---	---
6	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2170	29.26	101	7732	---	---
7	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2180	29.26	108	8268	---	---
8	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2185	29.26	104	7962	---	---
9	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2155	29.26	101	7732	---	---
10	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2155	29.26	104	7962	---	---
11	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2145	29.26	101	7732	---	---
12	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2155	29.26	104	7962	---	---
13	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2200	29.26	108	8268	---	---
14	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2230	29.26	97	7426	---	---
15	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2170	29.26	113	8651	---	---
16	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 2	---	2185	29.26	91	6967	---	---

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