



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.

6561
 Dr. Umbreen

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (B1 Shear Wall C~D/1~2)

Our Ref. No. CL/CED/ 3989

Dated: 18-01-24

Test Specification

Your Ref. No. HMBDPL/S.O/01/24/90th (LHR)

Dated: 18-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18-01-24 Tested on: 18-01-24 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	CT-70 (6000 Psi)	12	12	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
2	CT-70 (6000 Psi)	12	12	2023	6Diax12	---	13.6	28.28	89	7050	---	Non Engraved
3	CT-70 (6000 Psi)	12	12	2023	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Haris Shah Syed

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

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

6559
 Dr. M. Burhan

To: Mr. Zeeshan Sadique
 Equal Marketing Pvt. Ltd.

Project: Construction of a Plaza at Plot No. CA-35, 36 & 37, Down Town, Fazaia Housing Society, Lahore.

Our Ref. No. CL/CED/ 3990

Dated: 18-01-24

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: 18-01-24 Tested on: 18-01-24 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 Wall (1:2:4), (3000 Psi)	20	12	2023	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	R.C.C Wall (1:2:4), (3000 Psi)	20	12	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	Column (1:2:2), (4500 Psi)	20	12	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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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6510
 Dr. Umbreen

To: Mr. Shahzad Munir
 Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.
Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.
 Our Ref. No. CL/CED/ 3991 Dated: 18-01-24
 Your Ref. No. G3/237/RE/138 Dated: 08-01-24

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 09-01-24 Tested on: 18-01-24 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	28	---	---	---	8.9 x 4.3 x 3	3595	3115	38.27	38	2224	15.41	---
2	28	---	---	---	9 x 4.3 x 3	3720	3260	38.7	44	2547	14.11	---
3	28	---	---	---	8.9 x 4.3 x 2.9	3565	3185	38.27	46	2692	11.93	---
4	28	---	---	---	8.9 x 4.3 x 3	3670	3300	38.27	46	2692	11.21	---
5	28	---	---	---	9 x 4.3 x 3	3675	3235	38.7	45	2605	13.6	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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.

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6538
 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum
 Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 3992

Dated: 18-01-24

Test Specification

Your Ref. No. MSITT/UET/2024/C-004

Dated: 13-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 15-01-24 Tested on: 18-01-24 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	No.1 (3000 Psi)	16	12	2023	6Diax12	---	14	28.28	32	2535	---	Engraved
2	No.4 (3000 Psi)	16	12	2023	6Diax12	---	13.8	28.28	30	2376	---	Engraved
3	No.7 (3000 Psi)	16	12	2023	6Diax12	---	13.8	28.28	36	2851	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * 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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6537
 Dr. M. Burhan

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg-II, Lahore.

Project: Construction of Columns (C1-7, C1-8, SH-2, CL-9, C1-10, C1-11, C1-13, C1-14, SH-4,5)

Our Ref. No. CL/CED/ 3993

Dated: 18-01-24

Test Specification

Your Ref. No. VA/29/136

Dated: 12-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-01-24 **Tested on:** 18-01-24 **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	6th Floor Columns	8	12	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	6th Floor Columns	8	12	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	6th Floor Columns	8	12	2023	6Diax12	---	15	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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

- * 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



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ORIGINAL
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6537
 Dr. M. Burhan

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg-II, Lahore.

Project: Construction of Columns (Lift Wall, C1-12)

Our Ref. No. CL/CED/ 3994

Dated: 18-01-24

Test Specification

Your Ref. No. VA/29/135

Dated: 12-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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	6th Floor Lift Wall	4	12	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	6th Floor Lift Wall	4	12	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	6th Floor Lift Wall	4	12	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6536
 Dr. Ubaid

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers.

Project: Construction of Sixty6 at Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 3995

Dated: 18-01-24

Test Specification

Your Ref. No. IMP/66/09/135

Dated: 12-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-01-24 Tested on: 18-01-24 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	25	11	2023	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	5000 Psi	25	11	2023	6Diax12	---	14.4	28.28	72	5703	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1

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- * 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6536
 Dr. Ubaid

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers.

Project: Construction of Sixty6 at Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 3996

Dated: 18-01-24

Test Specification

Your Ref. No. IMP/66/09/136

Dated: 12-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-01-24 Tested on: 18-01-24 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	30	11	2023	6Diax12	---	13.8	28.28	95	7525	---	Non Engraved
2	5000 Psi	30	11	2023	6Diax12	---	13.8	28.28	95	7525	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1

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

- * 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



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.

6536
 Dr. Ubaid

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers.

Project: Construction of Sixty6 at Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 3997

Dated: 18-01-24

Test Specification

Your Ref. No. IMP/66/09/137

Dated: 12-01-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-01-24 Tested on: 18-01-24 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	5	12	2023	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
2	5000 Psi	5	12	2023	6Diax12	---	14.4	28.28	84	6653	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory