



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.

5689
 Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed
 A/XEN (B&R), Garrison Engineer (Navy), Naval Complex Walton Gulberg-III Lahore.

Project: CA No. ENC-N-74/2022-Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3023

Dated: 26-09-23

Test Specification

Your Ref. No. 6023/991/47/E-6

Dated: 27-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-08-23 **Tested on:** 26-09-23 **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	2nd Floor Columns	22	5	2023	6Diax12	---	13.2	28.28	87	6891	---	Non Engraved
2	2nd Floor Columns	22	5	2023	6Diax12	---	13.8	28.28	94	7446	---	Non Engraved
3	2nd Floor Columns	22	5	2023	6Diax12	---	14	28.28	61	4832	---	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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Civil Engineering Department

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5689
Dr. Aqsa

To: Mr. Muhammad Zubair Ahmed
A/XEN (B&R), Garrison Engineer (Navy), Naval Complex Walton Gulberg-III Lahore.

Project: CA No. ENC-N-74/2022-Construction of Children School (2nd & 3rd Floors) at NCW Lahore Phase-II

Our Ref. No. CL/CED/ 3024

Dated: 26-09-23

Test Specification

Your Ref. No. 6023/991/41/E-6

Dated: 30-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-08-23 Tested on: 26-09-23 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	2nd Floor Slab Roof	17	4	2023	6Diax12	---	13	28.28	88	6970	---	Non Engraved
2	2nd Floor Slab Roof	17	4	2023	6Diax12	---	13.8	28.28	97	7683	---	Non Engraved
3	2nd Floor Slab Roof	17	4	2023	6Diax12	---	13.6	28.28	70	5545	---	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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5946
 Dr. Usman Akmal

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers, 21-GF D/1 Gulberg-III, Lahore

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3025

Dated: 26-09-23

Test Specification

Your Ref. No. IMP/66/09/95

Dated: 21-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-23 Tested on: 25-09-23 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	5000 Psi	6	8	2023	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
2	5000 Psi	6	8	2023	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
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Witnessed by: Mr. M. Husnain Imran, Imperium Developers

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5946
 Dr. Usman Akmal

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers, 21-GF D/1 Gulberg-III, Lahore

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3026

Dated: 26-09-23

Test Specification

Your Ref. No. IMP/66/09/96

Dated: 21-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-23 Tested on: 25-09-23 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	3000 Psi	18	8	2023	6Diax12	---	13.4	28.28	44	3485	---	Engraved
2	3000 Psi	18	8	2023	6Diax12	---	13.6	28.28	44	3485	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Husnain Imran, Imperium Developers

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

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Director/Dy. Director Concrete Laboratory



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 Dr. Usman Akmal

To: Mr. Muhammad Asif
 Project Manager, Imperium Developers, 21-GF D/1 Gulberg-III, Lahore

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3027

Dated: 26-09-23

Test Specification

Your Ref. No. IMP/66/09/97

Dated: 21-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-23 Tested on: 25-09-23 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	5000 Psi	21	8	2023	6Diax12	---	13.4	28.28	70	5545	---	Engraved
2	5000 Psi	21	8	2023	6Diax12	---	13.4	28.28	61	4832	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Husnain Imran, Imperium Developers

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- * as engraved on the specimens (if any)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5954
 Dr. Aqsa

To: Mr. Zeeshan Sadique
 Tehsil & District Bagh.

Project: Constructing a Plaza (6m) at Plot CA-31 Downtown Fazaia Housing Society Lahore.

Our Ref. No. CL/CED/ 3028

Dated: 26-09-23

Test Specification

Your Ref. No. Nil

Dated: 22-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-09-23 **Tested on:** 26-09-23 **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	Slab (1:2:4)	3	8	2023	6Diax12	---	13	28.28	20	1584	---	Engraved
2	Column (1:1.5:3)	13	8	2023	6Diax12	---	13	28.28	19	1505	---	Engraved
3	Slab (1:2:4)	2	9	2023	6Diax12	---	13.4	28.28	31	2455	---	Engraved
4	Column (1:1.5:3)	5	9	2023	6Diax12	---	13	28.28	29	2297	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5929
 Dr. Aqsa

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

Project: (3rd Floor Column, CL-4, CL-5, CL-8, SH-2, CL-10, CL-12, CL-13, CL-16, CL-19, SH-3, SH-4, SH-5)

Our Ref. No. CL/CED/ 3029

Dated: 26-09-23

Test Specification

Your Ref. No. VA/29/104

Dated: 18-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19-09-23 Tested on: 26-09-23 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	Column	15	8	2023	6Diax12	---	14.4	28.28	97	7683	---	Non Engraved
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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/>

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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