



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.

4669
 Dr. Aqsa

To: Mr. Ali
 M.S Yousaf Builders, PGC Okara Campus

Project: Nil

Our Ref. No. CL/CED/ 1054

Dated: 01-02-23

Test Specification

Your Ref. No. Nil

Dated: 26/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/1/2023** Tested on: **01-02-23** 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	6	1	2023	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
2	3000 Psi	6	1	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	3000 Psi	13	1	2023	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
4	3000 Psi	13	1	2023	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
5	(1:4:8)	17	1	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
6	(1:4:8)	17	1	2023	6Diax12	---	13	28.28	15	1188	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sheraz Khan, Sr. Project Engineer, UDPL; CNIC 35202-3397017-1

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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4621
 Dr. Mazhar

To: Syed Abdul Jabbar
 GM Engineering Cotton Web Ltd.

Project: Construction of Sewage Tank

Our Ref. No. CL/CED/ 1055

Dated: 01-02-23

Test Specification

Your Ref. No. Nil

Dated: 20/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/1/2023 Tested on: 01-02-23 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	RCC Retaining Conc. (4000 psi)	27	12	2022	6Diax12	---	14	28.28	43	3406	---	Engraved
2	RCC Retaining Conc. (4000 psi)	27	12	2022	6Diax12	---	14.2	28.28	63	4990	---	Engraved
3	RCC Retaining Conc. (4000 psi)	27	12	2022	6Diax12	---	14	28.28	49	3881	---	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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4623
 Dr. Mazhar

To: Mr. Omair Sadiq
 Project Manager, One Liberty Mall and H&S Hotel

Project: Construction of One Liberty Mall and H&S Hotel Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 1056

Dated: 01-02-23

Test Specification

Your Ref. No. OL/OS/2022/20

Dated: 20/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/1/2023 Tested on: 01-02-23 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	15th Floor Slab	23	12	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	15th Floor Slab	23	12	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
3	15th Floor Slab	23	12	2022	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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

4630
 Dr. Mazhar

To: **PRO-CON**
 New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1057

Your Ref. No. Nil

Dated: 01-02-23

Dated: 23/1/2023

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/1/2023 Tested on: 01-02-23 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	8	1	2023	6Diax12	---	13.4	28.28	45	3564	---	Engraved
2	3000 Psi	8	1	2023	6Diax12	---	13	28.28	39	3089	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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



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ORIGINAL
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4670
 Dr. Mazhar

To: Mr. Aamir Bashir
 Project Manager, VELOSI Integrity & Safety Pakistan (Pvt.) Ltd
 Project: Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University
 Located at Sahiwal. (Contractor: M/s RAILCOP)
 Our Ref. No. CL/CED/ 1058 Dated: 01-02-23
 Your Ref. No. VISP-L-C23-009 Dated: 26/1/2023

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/1/2023 Tested on: 01-02-23 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	Plinth Beam (3750 Psi)	19	1	2023	6x6x6	---	8.6	36	81	5040	---	Non Engraved
2	Plinth Beam (3750 Psi)	19	1	2023	6x6x6	---	8.6	36	86	5351	---	Non Engraved
3	Plinth Beam (3750 Psi)	19	1	2023	6x6x6	---	8.4	36	69	4293	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- * as engraved on the specimens (if any)
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ORIGINAL
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4603
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 2, Lahore

Project: Construction of Boundary Wall around Safari Zoo Raiwind Road, Lahore ADP No. 637/2021-22

Our Ref. No. CL/CED/ 1059

Dated: 01-02-23

Test Specification

Your Ref. No. 1408/2nd

Dated: 29/11/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 18/1/2023 Tested on: 01-02-23 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	F7	---	---	---	8.9 x 4.2 x 2.9	3660	3265	37.38	41	2457	12.1	---
2	F7	---	---	---	8.8 x 4.3 x 3	3780	3330	37.84	47	2782	13.51	---
3	F7	---	---	---	8.7 x 4.3 x 3	3710	3350	37.41	49	2934	10.75	---
4	F7	---	---	---	8.8 x 4.3 x 3.1	3865	3485	37.84	45	2664	10.9	---
5	F7	---	---	---	8.8 x 4.3 x 3	3595	3200	37.84	41	2427	12.34	---
6	Double Line Embossed	---	---	---	9 x 4.4 x 3	3905	3500	39.6	43	2432	11.57	---
7	Double Line Embossed	---	---	---	9 x 4.4 x 3	3905	3240	39.6	31	1754	20.52	---
8	Double Line Embossed	---	---	---	8.9 x 4.5 x 3	3885	3545	40.05	39	2181	9.59	---
9	Double Line Embossed	---	---	---	8.9 x 4.4 x 3.1	3830	3220	39.16	33	1888	18.94	---
10	Double Line Embossed	---	---	---	8.9 x 4.3 x 3	3810	3270	38.27	41	2400	16.51	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4601
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No. 10, Lahore

Project: Construction of Police Station Liaquat Abad Lahore

Our Ref. No. CL/CED/ 1060

Dated: 01-02-23

Test Specification

Your Ref. No. 3864/10th

Dated: 13/1/2023

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 18/1/2023 **Tested on:** 01-02-23 **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	7-UP	---	---	---	8.7 x 4.3 x 2.8	3550	3110	37.41	41	2455	14.15	---
2	7-UP	---	---	---	8.8 x 4.3 x 2.9	3590	3095	37.84	43	2545	15.99	---
3	7-UP	---	---	---	8.7 x 4.3 x 2.9	3580	3145	37.41	43	2575	13.83	---
4	7-UP	---	---	---	8.7 x 4.3 x 3	3630	3170	37.41	41	2455	14.51	---
5	7-UP	---	---	---	8.9 x 4.2 x 2.9	3715	3195	37.38	37	2217	16.28	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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4697
 Dr. Mazhar

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

Project: Nil

Our Ref. No. CL/CED/ 1061

Dated: 01-02-23

Test Specification

Your Ref. No. IHPL/Con/990

Dated: 01-02-23

(----)

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	Solid Block	---	---	---	11.9 x 5.9 x 7.8	---	21.5	70.21	65	2074	---	---
2	Solid Block	---	---	---	11.9 x 6 x 8	---	21.4	71.4	65	2039	---	---
3	Solid Block	---	---	---	11.9 x 6 x 7.9	---	21.4	71.4	72	2259	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory