



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.

5348
 Engr. Ubaid

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, Lahore.
 (Contractor: M/s Ghousia Engineering & Construction Pvt. Ltd. Lahore)
 Our Ref. No. CL/CED/ 2112 Dated: 08-06-23
 Your Ref. No. G3/DHA-NLD/RE/164 Dated: 06-06-23

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-06-23** Tested on: **08-06-23** 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	9th to 10th F. Col. (5000 Psi)	9	5	2023	6Diax12	---	14	28.28	88	6970	---	Engraved
2	9th to 10th F. Col. (5000 Psi)	9	5	2023	6Diax12	---	14	28.28	102	8079	---	Engraved
3	9th to 10th F. Col. (5000 Psi)	9	5	2023	6Diax12	---	13.6	28.28	106	8396	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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5358
 Dr. M. Burhan

To: General Manager
For Base & Bricks Solutions Pvt. Ltd.

Project: Construction of Sub-Campus for Superior University, Sialkot-Wazirabad Road, Sialkot.

Our Ref. No. CL/CED/ 2113

Dated: 08-06-23

Test Specification

Your Ref. No. B&B/Sub-Campus.Sialkot/Cubes-01/2023/0806

Dated: 08-06-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 08-06-23 Tested on: 08-06-23 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)	19	5	2023	6x6x6	---	8.8	36	65	4044	---	Non Engraved
2	(5000 Psi)	19	5	2023	6x6x6	---	8.6	36	61	3796	---	Non Engraved
3	(5000 Psi)	19	5	2023	6x6x6	---	8.4	36	49	3049	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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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Civil Engineering Department
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5339
 Dr. Mazhar

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 2114

Dated: 09-06-23

Test Specification

Your Ref. No. IHPL/Con/1013

Dated: 08-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-06-23 Tested on: 08-06-23 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	22	3	2023	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
2	5000 Psi	22	3	2023	6Diax12	---	14.2	28.28	90	7129	---	Non Engraved
3	5000 Psi	22	3	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Fahad Hussain, CNIC # 37104-9537955-1

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

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5339
 Dr. Mazhar

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 2115

Dated: 09-06-23

Test Specification

Your Ref. No. IHPL/Con/1014

Dated: 08-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-06-23 Tested on: 08-06-23 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	29	3	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	5000 Psi	29	3	2023	6Diax12	---	14	28.28	120	9505	---	Non Engraved
3	5000 Psi	29	3	2023	6Diax12	---	14	28.28	130	10297	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Fahad Hussain, CNIC # 37104-9537955-1

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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5340
 Engr. Ubaid

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

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

Our Ref. No. CL/CED/ 2116

Dated: 09-06-23

Test Specification

Your Ref. No. OL/OS/2023/50

Dated: 05-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **05-06-23** Tested on: **08-06-23** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Col.,B7, C6,F6, 16th to 17th Floor	8	5	2023	6Diax12	---	14	28.28	93	7366	---	Non Engraved
2	Col.,B7, C6,F6, 16th to 17th Floor	8	5	2023	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	Col.,B7, C6,F6, 16th to 17th Floor	8	5	2023	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
4	Col.,E7, F7,D6, 16th to 17th Floor	6	5	2023	6Diax12	---	14	28.28	108	8554	---	Non Engraved
5	Col.,E7, F7,D6, 16th to 17th Floor	6	5	2023	6Diax12	---	14	28.28	110	8713	---	Non Engraved
6	Col.,E7, F7,D6, 16th to 17th Floor	6	5	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5345
 Engr. Ubaid

To: Mr. Muhammad Javed
 Resident Engineer, MASCON ASSOCIATES (Pvt) Ltd. and HA Consulting

Project: Medical Store Depot, Gurumangat Road, Lahore.

Our Ref. No. CL/CED/ 2117

Dated: 09-06-23

Test Specification

Your Ref. No. HA-MAS/RE/MSD/03

Dated: 19-05-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06-06-23 **Tested on:** 08-06-23 **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	Equipment Store & MSD-2 Footing	23	3	23	6x6x6	---	8.4	36	77	4791	---	Non Engraved
2	Equipment Store & MSD-2 Footing	23	3	23	6x6x6	---	9	36	79	4916	---	Non Engraved
3	Equipment Store & MSD-2 Footing	23	3	23	6x6x6	---	8.2	36	73	4542	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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5345
 Engr. Ubaid

To: Mr. Muhammad Javed
 Resident Engineer, MASCON ASSOCIATES (Pvt) Ltd. and HA Consulting

Project: Medical Store Depot, Gurumangat Road, Lahore.

Our Ref. No. CL/CED/ 2118

Dated: 09-06-23

Test Specification

Your Ref. No. HA-MAS/RE/MSD/04

Dated: 19-05-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **06-06-23** Tested on: **08-06-23** 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	Eqp. Store & MSD-2 Footing beam	16	4	23	6x6x6	---	8.2	36	65	4044	---	Non Engraved
2	Eqp. Store & MSD-2 Footing beam	16	4	23	6x6x6	---	8.4	36	59	3671	---	Non Engraved
3	Eqp. Store & MSD-2 Footing beam	16	4	23	6x6x6	---	8.4	36	96	5973	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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

5350
 Engr. Ubaid

To: Mr. Muhammad Haider
 Resident Engineer, VELOSI INTEGRITY & SAFETY PAKISTAN (Pvt) Ltd.
 Project: Detailed Design & Resident Supervision of Regional Campuses for Allama Iqbal Open University, Sargodha.
 Our Ref. No. CL/CED/ 2119 Dated: 09-06-23
 Your Ref. No. VISP/RC/SRG-09 Dated: 26-05-23

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **07-06-23** Tested on: **08-06-23** 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	Raft Footing (3750 Psi)	29	4	23	6x6x6	---	8.2	36	79	4916	---	Non Engraved
2	Raft Footing (3750 Psi)	29	4	23	6x6x6	---	8.4	36	81	5040	---	Non Engraved
3	Raft Footing (3750 Psi)	29	4	23	6x6x6	---	8.6	36	71	4418	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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- 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.

5344
 Engr. Ubaid

To: Mr. Asif Javed
 Resident Engineer, New Vision Engineering Consultant
 Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor), Group-01.
 Our Ref. No. CL/CED/ 2120 Dated: 09-06-23
 Your Ref. No. NVEC/GCWUS/T-02 Dated: 10-05-23

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **06-06-23** Tested on: **08-06-23** 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	AREA # 05 SLAB	10	4	23	6x6x6	---	8.4	36	79	4916	---	Non Engraved
2	AREA # 05 SLAB	10	4	23	6x6x6	---	8.4	36	74	4604	---	Non Engraved
3	AREA # 05 SLAB	10	4	23	6x6x6	---	8.4	36	90	5600	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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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.

5332
 Engr. Ubaid

To: Municipal Officer (I)
 Municipal Committee, Gojra

Project: Improvement and Rehabilitation of Roads and Chowks in MC Gojra (P-3) Sammundari Road, Hussain Colony, Ansar Colony Road and (P4) Chemini Peer Road in Gojra City.

Our Ref. No. CL/CED/ 2121

Dated: 09-06-23

Test Specification

Your Ref. No. 634

Dated: 31-05-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 02-06-23 **Tested on:** 08-06-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3500	29.64	65	4912	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3460	29.64	37	2796	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3560	29.64	45	3401	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3545	29.64	57	4308	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	57	4308	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3380	29.64	45	3401	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3520	29.64	36	2721	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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