



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.

6850
 Dr. Aqsa

To: EMCON Engineers & Contractors, Kashmir Road Sialkot.
 Mr. Muhammad Nadeem Mirza (Contractor), Mr. Saeed Ahmad (Consultant) Awan Sports

Project: LFB Building Awan Sports, Sialkot.

Our Ref. No. CL/CED/ 4427-1 of 2

Dated: 12-03-24

Test Specification

Your Ref. No. Nil

Dated: 11-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/03/2024 **Tested on:** 12/03/2024 **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	Grid1/B+C+D, 1:2:4 (50% + 50%)	28	2	2024	6x6x6	---	8	36	74	4604	---	Engraved
2	Grid1/B+C+D, 1:2:4 (50% + 50%)	28	2	2024	6x6x6	---	8.2	36	70	4356	---	Engraved
3	Grid1/B+C+D, 1:2:4 (50% + 50%)	28	2	2024	6x6x6	---	8.4	36	76	4729	---	Engraved
4	Sample B, 1:2:4 (100% Lawrence)	29	2	2024	6x6x6	---	8	36	91	5662	---	Engraved
5	Sample B, 1:2:4 (100% Lawrence)	29	2	2024	6x6x6	---	8.2	36	83	5164	---	Engraved
6	Sample B, 1:2:4 (100% Lawrence)	29	2	2024	6x6x6	---	8.2	36	69	4293	---	Engraved
7	Sample C, 1:2:4 (100% Drager)	29	2	2024	6x6x6	---	8.4	36	79	4916	---	Engraved
8	Sample C, 1:2:4 (100% Drager)	29	2	2024	6x6x6	---	8.2	36	76	4729	---	Engraved
9	Sample C, 1:2:4 (100% Drager)	29	2	2024	6x6x6	---	8	36	70	4356	---	Engraved
10	Col A, 1:1.5:3 (50% + 50%)	1	3	2024	6x6x6	---	8.2	36	96	5973	---	Engraved
11	Col A, 1:1.5:3 (50% + 50%)	1	3	2024	6x6x6	---	8.2	36	83	5164	---	Engraved
12	Col A, 1:1.5:3 (50% + 50%)	1	3	2024	6x6x6	---	8	36	83	5164	---	Engraved
13	Col B, 1:1.5:3 (100% Lawrence)	2	3	2024	6x6x6	---	8	36	84	5227	---	Engraved
14	Col B, 1:1.5:3 (100% Lawrence)	2	3	2024	6x6x6	---	8	36	85	5289	---	Engraved
15	Col B, 1:1.5:3 (100% Lawrence)	2	3	2024	6x6x6	---	8.4	36	87	5413	---	Engraved
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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
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Dr. Aqsa

To: EMCON Engineers & Contractors, Kashmir Road Sialkot.
Mr. Muhammad Nadeem Mirza (Contractor), Mr. Saeed Ahmad (Consultant) Awan Sports

Project: LFB Building Awan Sports, Sialkot.

Our Ref. No. CL/CED/ 4427-2 of 2

Dated: 12-03-24

Test Specification

Your Ref. No. Nil

Dated: 11-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 11/03/2024 Tested on: 12/03/2024 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	Found, 1:2:4 (50% + 50%)	2	3	2024	6x6x6	---	8	36	70	4356	---	Engraved
2	Found, 1:2:4 (50% + 50%)	2	3	2024	6x6x6	---	8.2	36	72	4480	---	Engraved
3	Found, 1:2:4 (50% + 50%)	2	3	2024	6x6x6	---	8	36	77	4791	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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" 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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6838
 Dr. Aqsa

To: Mr. Muhammad Afzaal
 Zuhra Siddique Properties (Pvt) Ltd.

Project: Construction of Plaza No. CCA-5

Our Ref. No. CL/CED/ 4428

Dated: 12-03-24

Test Specification

Your Ref. No. Nil

Dated: 08-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-03-24 Tested on: 12/03/2024 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	---	14	12	2023	6Diax12	---	13	28.28	86	6812	---	Non Engraved
2	---	14	12	2023	6Diax12	---	13.2	28.28	88	6970	---	Non Engraved
3	---	14	12	2023	6Diax12	---	13	28.28	97	7683	---	Non Engraved
4	---	14	12	2023	6Diax12	---	13	28.28	84	6653	---	Non Engraved
5	---	14	12	2023	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
6	---	17	12	2023	6Diax12	---	13.6	28.28	89	7050	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6858
 Dr. Mazhar

To: Unit Head PMO
 ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200.

Our Ref. No. CL/CED/ 4429

Dated: 12-03-24

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-66

Dated: 12-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 12/03/2024 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	1st to 2nd Floor Ramp Slab # 448	3	3	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	1st to 2nd F Ramp Col&S/W #454	3	3	2024	6Diax12	---	14	28.28	89	7050	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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6837
 Dr. Aqsa

To: Engr. Najeeb Shahzad
 Project Manager, Air Heights Developers Pvt. Ltd.

Project: DE VIEW Project

Our Ref. No. CL/CED/ 4430

Dated: 12-03-24

Test Specification

Your Ref. No. Nil

Dated: 08-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-03-24 **Tested on:** 12/03/2024 **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	---	29	2	2024	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
2	---	29	2	2024	6Diax12	---	13	28.28	28	2218	---	Non Engraved
3	---	29	2	2024	6Diax12	---	13	28.28	31	2455	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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6840
 Dr. Aqsa

To: Mr. Bilal Hayder
 C.E.O, The Property Maintenance Company.

Project: Retrofitting Building # 1 Descon DHQ, Lahore.

Our Ref. No. CL/CED/ 4431

Dated: 12-03-24

Test Specification

Your Ref. No. Nil

Dated: 08-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-03-24 Tested on: 12/03/2024 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	Sr # 1, Column No.5	8	2	2024	6Diax12	---	13	28.28	65	5149	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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6855
Dr. Mazhar

To: Mr. Muhammad Tufail
Resident Engineer, Package-I (PCP) Daska. MM Pakistan (Pvt) Ltd.

Project: Construction of Storm Water Drainage System in Daska City, (Package-I)

Our Ref. No. CL/CED/ 4432

Dated: 12-03-24

Test Specification

Your Ref. No. DSK/CON/1094/SW/168/2024

Dated: 11-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12/03/2024 Tested on: 12/03/2024 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. (1:1.5:3)	28	2	2024	6x6x6	---	8.2	36	44	2738	---	Non Engraved
2	R.C.C. (1:1.5:3)	28	2	2024	6x6x6	---	8.2	36	44	2738	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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6821
 Dr. Aqsa

To: Engineer Zain Bukhari
 Manager Projects, AENZAY

Project: Construction of Boundary Wall Machika T1 Tpp1 Terminal Sheikhpura.

Our Ref. No. CL/CED/ 4433

Dated: 12-03-24

Test Specification

Your Ref. No. Aenzay0125

Dated: 05-03-24

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 06-03-24 **Tested on:** 12-03-24 **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	F.B	---	---	---	8.5 x 4.1 x 2.9	---	2990	34.85	63	4049	---	---
2	F.B	---	---	---	8.2 x 4.1 x 2.8	---	2925	33.62	57	3798	---	---
3	F.B	---	---	---	8.4 x 4.1 x 2.9	---	3060	34.44	58	3772	---	---
4	F.B	---	---	---	8.4 x 4.2 x 3	---	3170	35.28	36	2286	---	---
5	F.B	---	---	---	8.4 x 4.1 x 2.9	---	2995	34.44	50	3252	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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