



**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.

2584  
 Dr. Aqsa

**To:** (Muhammad Muslim), Metropolitan Officer (Services).  
 Metropolitan Corporation, Lahore.

**Project:** Inspection Conducted by the Inspection Team-B of LG&CD Department (Constt. of Drains, Culverts, Soling, Boundary Wall Solid Waste Dumping Point Moaza Kawani Basti Mohana Both Sides of Our Ref. No. CL/CED/ 6950-1 of 3

**Dated:** 24-01-22

**Test Specification**

**Your Ref. No.** LG&CDD-Team-B/2021/1

**Dated:** 13-01-22

( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 13-01-22 **Tested on:** 24-01-22 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	11.U.1	---	---	---	8.5 x 4.1 x 2.7	---	2950	34.85	54	3471	---	Used Brick
2	11.U.2	---	---	---	8.6 x 4.2 x 2.7	---	2955	36.12	17	1054	---	Used Brick
3	11.U.3	---	---	---	8.4 x 4.2 x 2.7	---	2920	35.28	43	2730	---	Used Brick
4	11.U.4	---	---	---	8.5 x 4 x 2.6	---	3150	34	36	2372	---	Used Brick
5	11.U.5	---	---	---	8.2 x 4.1 x 2.6	---	2945	33.62	23	1532	---	Used Brick
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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)
- 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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2584  
 Dr. Aqsa

**To:** (Muhammad Muslim), Metropolitan Officer (Services).  
 Metropolitan Corporation, Lahore.

**Project:** Inspection Conducted by the Inspection Team-B of LG&CD Department

**Our Ref. No.** CL/CED/ 6950-2 of 3

**Dated:** 24-01-22

**Test Specification**

**Your Ref. No.** LG&CDD-Team-B/2021/1

**Dated:** 13-01-22

( --- )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 13-01-22 **Tested on:** 24-01-22 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	G.S.1 (Machine Made)	---	---	---	8.6 x 4.1 x 2.7	---	3070	35.26	43	2732	---	Used Brick
2	G.S.2 (Machine Made)	---	---	---	8.5 x 4 x 2.6	---	2965	34	43	2833	---	Used Brick
3	777.1	---	---	---	8.8 x 4.1 x 2.7	---	2835	36.08	12	745	---	Used Brick
4	777.2	---	---	---	8.6 x 4.1 x 2.8	---	2845	35.26	17	1080	---	Used Brick
5	S-1	---	---	---	8.3 x 3.9 x 2.7	---	2705	32.37	43	2976	---	Used Brick
6	S-2	---	---	---	8.2 x 4 x 2.6	---	2720	32.8	13	888	---	Used Brick
7	11.1	---	---	---	8.3 x 4 x 2.7	---	2595	33.2	35	2361	---	Used Brick
8	11.2	---	---	---	8.3 x 4 x 2.6	---	2530	33.2	14	945	---	Used Brick
9	M.K-1	---	---	---	8.5 x 4.1 x 2.5	---	3040	34.85	45	2892	---	Used Brick
10	M.K-2	---	---	---	8.5 x 4.1 x 2.5	---	3055	34.85	44	2828	---	Used Brick
11	SM.1 (Machine Made)	---	---	---	8.4 x 4 x 2.8	---	2890	33.6	26	1733	---	Used Brick
12	SM.2 (Machine Made)	---	---	---	8.5 x 4 x 2.5	---	2560	34	37	2438	---	Used Brick
13	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. Aqsa

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**Project:** Inspection Conducted by the Inspection Team-B of LG&CD Department

**Our Ref. No.** CL/CED/ 6950-3 of 3

**Dated:** 24-01-22

**Test Specification**

**Your Ref. No.** LG&CDD-Team-B/2021/1

**Dated:** 13-01-22

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: **13-01-22** Tested on: **24-01-22** 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 Red J-L-1	---	---	---	7.7 x 3.8 x 2.2	---	2815	29.26	89	6813	---	Used Sample
2	Rectangular Grey J-L-2	---	---	---	7.7 x 3.8 x 2.2	---	2645	29.26	113	8651	---	Used Sample
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

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- 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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2536  
 Dr. Aqsa

To: Assistant Project Director  
 Project Management Unit-Sports Board Punjab

Project: Construction of Playground for the Site the Completion of International Tennis Arena Lahore (GS # 552)

Our Ref. No. CL/CED/ 6951

Dated: 24-01-22

Test Specification

Your Ref. No. APD/PMU/SBP/LHR/21/196

Dated: 29-12-21

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## COMPRESSION TEST REPORT



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

Specimens received on: 05-01-22 Tested on: 24-01-22 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	7MB	---	---	---	8.8 x 4.3 x 2.8	3530	3145	37.84	30	1776	12.24	---	
2	7MB	---	---	---	8.9 x 4.3 x 2.9	3600	3210	38.27	54	3161	12.15	---	
3	7MB	---	---	---	8.7 x 4.3 x 3	3575	3170	37.41	41	2455	12.78	---	
4	9	---	---	---	8.8 x 4.3 x 3	3565	3205	37.84	69	4085	11.23	---	
5	9	---	---	---	8.7 x 4.3 x 2.9	3440	3095	37.41	51	3054	11.15	---	
6	9	---	---	---	8.8 x 4.3 x 2.9	3450	3115	37.84	46	2723	10.75	---	
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Witnessed by:

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

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2577  
 Dr. Aqsa

**To:** Construction Manager  
 Galleria Designs, DHA, Lahore Cantt.

**Project:** Nil

**Our Ref. No.** CL/CED/ 6952

**Dated:** 24-01-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 12-01-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12-01-22 **Tested on:** 24/01/2022 **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	4	1	2022	6Diax12	---	12.2	28.28	18	1426	---	Non Engraved
2	3000 Psi	4	1	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	3000 Psi	4	1	2022	6Diax12	---	14	28.28	29	2297	---	Non Engraved
4	3000 Psi	4	1	2022	6Diax12	---	12	28.28	16	1267	---	Non Engraved
5	3000 Psi	4	1	2022	6Diax12	---	12.8	28.28	29	2297	---	Non Engraved
6	3000 Psi	4	1	2022	6Diax12	---	12.8	28.28	28	2218	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Nil

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

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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2619  
 Dr. Aqsa

**To:** Rao Farman Ali Construction Company  
 Main Ferozepur Road, Lahore. (Client: Descon Oxychem Limited).

**Project:** Civil Work H2 Recycle Compressor.

**Our Ref. No.** CL/CED/ 6953

**Dated:** 24-01-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 19-01-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19-01-22** Tested on: **24/01/2022** 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	Grade C30	11	1	2022	6Diax12	---	13.4	28.28	8	634	---	Non Engraved
2	Grade C30	11	1	2022	6Diax12	---	13.2	28.28	14	1109	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory





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2572  
 Dr. Aqsa

To: Engr. Hassan Mahmood  
 Resident Engineer, G3 Engineering Consultants Pvt. Ltd.

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block PHAE-11 DHA, Lahore. (Lift & Footing from Grid H-I & Line 05 to 08), (Contractor; M/s Ghousia & Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 6954

Dated: 24-01-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/023

Dated: 11-01-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12-01-22 Tested on: 24/01/2022 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	---	31	12	2021	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	---	31	12	2021	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 Dr. Aqsa

To: Engr. Hassan Mahmood  
 Resident Engineer, G3 Engineering Consultants Pvt Ltd

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block PHAE-11 DHA, Lahore. (Lift & Footing from Grid M to N & Line 05 to 08), (Contractor; M/s Ghousia & Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 6955

Dated: 24-01-22

Test Specification

Your Ref. No. G3/DHA-NLD/RE/022

Dated: 11-01-22

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 12-01-22 Tested on: 24/01/2022 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	12	2021	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	---	29	12	2021	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	---	29	12	2021	6Diax12	---	13	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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
- \*\*\* 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.

2617  
 Dr. Aqsa

**To:** Sub Divisional Officer  
 Buildings Sub Division No. 22 Lahore  
 Project: Establishment of Fish Seed Hatchery and Creation of Research Facility at Bhaseen, Lahore ADP  
 No. 6645 for the Year 2021-22.  
 Our Ref. No. CL/CED/ 6956  
 Your Ref. No. 05/22nd

Dated: 24-01-22      **Test Specification**  
 Dated: 17/1/2022      ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **19/1/2022** Tested on: **24/01/2022** 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	C.C 1:2:4	21	12	2021	6x6x6	---	8.4	36	45	2800	---	Engraved
2	C.C 1:2:4	21	12	2021	6x6x6	---	8.2	36	61	3796	---	Engraved
3	C.C 1:2:4	25	12	2021	6x6x6	---	8	36	62	3858	---	Engraved
4	C.C 1:2:4	25	12	2021	6x6x6	---	7.6	36	15	933	---	Engraved
5	C.C 1:2:4	16	12	2021	6x6x6	---	8.6	36	75	4667	---	Engraved
6	C.C 1:2:4	16	12	2021	6x6x6	---	8.6	36	80	4978	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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- 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.

2634  
 Dr. Aqsa

**To:** Mr. Muhammad Imran Khan  
 Material Engineer ECSP, MPA Hostel, Phase II. (Group No.02)  
 Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II. (M/s Shafiq Construction Company)  
 Our Ref. No. CL/CED/ 6957      Dated: 24-01-22      Test Specification  
 Your Ref. No. 340/ECSP/MPA/ME/11      Dated: 12-01-22      ( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 20-01-22      Tested on: 24/01/2022      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- First Floor	5	1	2022	6x6x6	---	8.4	36	101	6284	---	Non Engraved
2	Slab- First Floor	5	1	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

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