



**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.

2256  
 Dr. Umbreen

**To:** Dcon Construction  
 Shahrah-e-Faisal, Karachi

**Project:** Allied Bank DHA, Ph-IV LHR

**Our Ref. No.** CL/CED/ 6392

**Dated:** 17-11-21

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15-11-21

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15-11-21 **Tested on:** 17-11-21 **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	3750 Psi	7	11	2021	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	3750 Psi	7	11	2021	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
3	3750 Psi	7	11	2021	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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2264  
 Dr. Umbreen

**To:** Engr. M. Abbas (Resident Engineer)  
 City Survey & Engineering Consultants, Lahore

**Project:** Green View Executive Apartments Phase-V

**Our Ref. No.** CL/CED/ 6393

**Dated:** 17-11-21

**Test Specification**

**Your Ref. No.** CS/GVA/R.E/07/21

**Dated:** 16-11-21

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-11-21** Tested on: **17-11-21** 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 Grid D-E/2-3 (3000 Psi)	16	10	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	Raft Grid D-E/2-3 (3000 Psi)	16	10	2021	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	Raft Grid D-E/2-3 (3000 Psi)	16	10	2021	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	UGWT Wall (4500 Psi)	16	10	2021	6Diax12	---	14	28.28	79	6257	---	Non Engraved
5	UGWT Wall (4500 Psi)	16	10	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
6	UGWT Wall (4500 Psi)	16	10	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
7	Basement Slab (3000 Psi)	6	11	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
8	Basement Slab (3000 Psi)	6	11	2021	6Diax12	---	14	28.28	53	4198	---	Non Engraved
9	Basement Slab (3000 Psi)	6	11	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
10	UGWT Slab (3000 Psi)	19	10	2021	6Diax12	---	14	28.28	45	3564	---	Non Engraved
11	UGWT Slab (3000 Psi)	19	10	2021	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
12	UGWT Slab (3000 Psi)	19	10	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
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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2262  
 Dr. Umbreen

**To:** Tahawar Owais (Manager Civil)  
 Casa Grande Ventures (Pvt.) Limited, Lahore

**Project:** Construction of Apartment Building at 94-G Gulbeg-III, Lahore

**Our Ref. No.** CL/CED/ 6394

**Dated:** 17-11-21

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 15-11-21

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-11-21** Tested on: **17-11-21** 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	---	2	10	2021	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	---	2	10	2021	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
3	---	3	10	2021	6Diax12	---	13	28.28	73	5782	---	Non Engraved
4	---	3	10	2021	6Diax12	---	12.5	28.28	59	4673	---	Non Engraved
5	---	4	10	2021	6Diax12	---	15	28.28	71	5624	---	Non Engraved
6	---	4	10	2021	6Diax12	---	14.2	28.28	77	6099	---	Non Engraved
7	---	5	10	2021	6Diax12	---	13	28.28	81	6416	---	Non Engraved
8	---	5	10	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
9	---	6	10	2021	6Diax12	---	13	28.28	71	5624	---	Non Engraved
10	---	6	10	2021	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
11	---	9	10	2021	6Diax12	---	13	28.28	86	6812	---	Non Engraved
12	---	9	10	2021	6Diax12	---	13	28.28	75	5941	---	Non Engraved
13	---	10	10	2021	6Diax12	---	13	28.28	104	8238	---	Non Engraved
14	---	10	10	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
15	---	11	10	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
16	---	11	10	2021	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved

Witnessed by: Nil

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

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1960  
 Dr. Usman Akmal

**To:** Mr. Umair Maqsood (Sub Divisional Officer)  
 Building Sub Division Assembly, Lahore.

**Project:** Re-construction of Pipal House A-Block, Lahore

**Our Ref. No.** CL/CED/ 6395

**Dated:** 17-11-21

**Test Specification**

**Your Ref. No.** 714

**Dated:** 22-09-21

( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **23-09-21** Tested on: **17-11-21** 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	7MS	---	---	---	8.8 x 4.4 x 3	3728	3380	38.72	29	1678	10.3	---
2	7MS	---	---	---	8.8 x 4.3 x 2.9	3686	3395	37.84	29	1717	8.57	---
3	7MS	---	---	---	8.7 x 4.3 x 2.8	3760	3408	37.41	53	3173	10.33	---
4	7MS	---	---	---	8.8 x 4.3 x 3	3654	3298	37.84	28	1658	10.79	---
5	7MS	---	---	---	8.7 x 4.3 x 2.9	3544	3178	37.41	41	2455	11.52	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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