



**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.

9759  
 Dr. Umbreen

**To:** Mr. M. Raza Razaq  
 Site Engineer, OZ Developers Pvt. Ltd.

**Project:** Constructing a High-Rise Building "Bahria Sky" at Bahria Orchard Phase 4 Lahore.

**Our Ref. No.** CL/CED/ 8847

**Dated:** 08/07/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 08/07/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 08/07/2025 **Tested on:** 08/07/2025 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	Concrete Type (7000 Psi)	27	6	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	Concrete Type (7000 Psi)	27	6	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	Concrete Type (7000 Psi)	27	6	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Mr. M. Raza, CNIC # 35102-2835848-3

**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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9761  
 Dr. Umbreen

**To: Mr. Aamir Rahman**  
 Project Manager

**Project: Dr. Azhar Residence, 91, Canal Park, Gulberg II, Lahore. (Grid A~H, 1~4')**

**Our Ref. No. CL/CED/ 8848**

**Dated: 08/07/2025**

**Test Specification**

**Your Ref. No. AZ/H/G/29**

**Dated: 08/07/2025**

**( ASTM C39 )**

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		DD	MM	YYYY								
1	4th Floor Slab	5	6	2025	6Diax12	---	13.4	28.28	24	1901	---	Non Engraved
2	4th Floor Slab	5	6	2025	6Diax12	---	13	28.28	26	2059	---	Non Engraved
3	4th Floor Slab	5	6	2025	6Diax12	---	13	28.28	20	1584	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Mr. Muhammad Azhar, CNIC # 35202-7989991-3**

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

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