



# 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.

9491

Dr. Umbreen

To: Mr. Mirza Amjad Farooq  
Resident Engineer, AAA Partnership Pvt Ltd.

Project: Construction of JDW Tower Lahore.

Our Ref. No. CL/CED/ 8369

Dated: 27/05/2025

Test Specification

Your Ref. No. AAA/SO/AF/115/2025

Dated: 23/05/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 23/05/2025 Tested on: 27/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	3000 Psi	14	4	2025	6Diax12	---	13.8	28.28	43	3406	---	Non Engraved
2	3000 Psi	14	4	2025	6Diax12	---	14	28.28	40	3168	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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9510  
Dr. Umbreen

To: Engr. Aziz ur Rahman  
Assistant Resident Engineer/ER, For ACE-NZEB Gulberg Lahore.

Project: Resident Construction Supervision for Construction of NET ZERO Energy Building (ACEIP, DLI-8), Lahore. (1st to 2nd Basement Columns Grid A~C/2~3 & 2nd Slab Grid A~E/1~2)

Our Ref. No. CL/CED/ 8370

Dated: 27/05/2025

Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/44

Dated: 22/05/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 26/05/2025 Tested on: 27/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Lab Curing (5000 Psi)	24	4	2025	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
2	Lab Curing (5000 Psi)	24	4	2025	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
3	Lab Curing (5000 Psi)	24	4	2025	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	Lab Curing (4000 Psi)	25	4	2025	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
5	Lab Curing (4000 Psi)	25	4	2025	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
6	Lab Curing (4000 Psi)	25	4	2025	6Diax12	---	14.4	28.28	54	4277	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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9422  
Dr. Umbreen

To: Mr. Faheem Ahmed  
ARE Package-I (PCP), Daska. MM Pakistan (Pvt) Ltd.

Project: Rehabilitation of 36" I/D Damaged Sewer Line Along Stadium Road.

Our Ref. No. CL/CED/ 8371

Dated: 27/05/2025

Test Specification

Your Ref. No. DSK/CON/1094/SW/217/2025

Dated: 05/05/2025

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## COMPRESSION TEST REPORT



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

Specimens received on: 14/05/2025 Tested on: 27/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3640	29.64	83	6273	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3650	29.64	79	5970	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3610	29.64	84	6348	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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9515  
Dr. Umbreen

To: Sub Divisional Officer  
Public Health Engineering, Sub Division Chakwal.

Project: Construction of Water Supply Scheme Mohri Dakhli Ghazial Tehsil & District Chakwal. (Base Slab & Walls for Ground Storage Tank)

Our Ref. No. CL/CED/ 8372

Dated: 27/05/2025

Test Specification

Your Ref. No. 57/CKL

Dated: 26/04/2025

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 27/05/2025 Tested on: 27/05/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	RCC (1:1.5:3)	6	4	2025	6x6x6	---	7.8	36	66	4107	---	Non Engraved
2	RCC (1:1.5:3)	6	4	2025	6x6x6	---	7	36	62	3858	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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