



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.

9125
Dr. Aqsa

To: Amna Iftikhar
100-B-III, Gulberg III, Lahore.

Project: (Slab Over Ground Floor)

Our Ref. No. CL/CED/ 7744

Dated: 18/03/2025

Test Specification

Your Ref. No. CT/GF/08

Dated: 17/03/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/03/2025 Tested on: 18/03/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	S-1	8	3	2025	6Diax12	---	14	28.28	28	2218	---	Non Engraved
2	S-2	8	3	2025	6Diax12	---	14	28.28	35	2772	---	Non Engraved
3	S-3	8	3	2025	6Diax12	---	14	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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"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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9130
Dr. Aqsa

To: Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

Project: AM International, Raiwind Road Lahore.

Our Ref. No. CL/CED/ 7745

Dated: 18/03/2025

Test Specification

Your Ref. No. Nil

Dated: 17/03/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/03/2025 Tested on: 18/03/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	10	3	2025	6Diax12	---	13.6	28.28	39	3089	---	Non Engraved
2	3000 Psi	10	3	2025	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
3	3000 Psi	11	3	2025	6Diax12	---	15	28.28	26	2059	---	Non Engraved
4	3000 Psi	11	3	2025	6Diax12	---	14	28.28	30	2376	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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"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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9130
Dr. Aqsa

To: Engr. Bilal Shahid
Manager Projects, Ittefaq Building Solutions Pvt. Ltd.

Project: AM International, Raiwind Road Lahore.

Our Ref. No. CL/CED/ 7746

Dated: 18/03/2025

Test Specification

Your Ref. No. Nil

Dated: 17/03/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/03/2025 Tested on: 18/03/2025 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	4000 Psi	10	3	2025	6Diax12	---	14	28.28	36	2851	---	Non Engraved
2	4000 Psi	10	3	2025	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
3	4000 Psi	11	3	2025	6Diax12	---	14	28.28	36	2851	---	Non Engraved
4	4000 Psi	11	3	2025	6Diax12	---	13.2	28.28	30	2376	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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9131
Dr. Aqsa

To: Mr. Usman Habib
Project Engineer, New Diamond Glass House, Ghazi Road, Lahore Cantt.

Project: Construction of Malik House, 308 Street No. 07, Cavalry Ground, Lahore.

Our Ref. No. CL/CED/ 7747

Dated: 18/03/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

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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	---	6	2	2025	6Diax12	---	16	28.28	26	2059	---	Non Engraved
2	---	6	2	2025	6Diax12	---	13.6	28.28	20	1584	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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9140
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage Saeed Park, Ravi Canton,
Maqbara More, Mustafa Abad, Farid Colony, Jahangir Park, Pari Mahal & Link Bund Road Shahdara, Shahdara
13 & 14 Ravi Zone MCI
Our Ref. No. CL/CED/ 7748
Your Ref. No. 4084/103/LDP/Ravi/04/281

Dated: 18/03/2025

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Dated: 17/03/2025

(ASTM C39)

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		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	3000 Psi	9	3	2025	6Diax12	---	14	28.28	23	1822	---	Non Engraved
2	3000 Psi	9	3	2025	6Diax12	---	14	28.28	21	1663	---	Non Engraved
3	3000 Psi	9	3	2025	6Diax12	---	14	28.28	20	1584	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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