



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.

8756
Dr. M. Yousaf

To: Sub Divisional Officer
Building's Sub Division No.14, Lahore.

Project: Improvement and Renovation of Government Pilot Boys Higher Secondary School Wahdat Colony Lahore.

Our Ref. No. CL/CED/ 7249

Dated: 03/02/2025

Test Specification

Your Ref. No. 11

Dated: 05/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/01/2025 Tested on: 03/02/2025 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	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1215	14.9	44	6615	---	---
2	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1350	14.9	44	6615	---	---
3	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1330	14.9	39	5863	---	---
4	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1340	14.9	41	6164	---	---
5	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1300	14.9	38	5713	---	---
6	Cobble, Grey, 60mm	---	---	---	2.4 thick	---	1320	14.9	38	5713	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

8778
Dr. M. Yousaf

To: Mr. Saeed Afzal
Assistant Executive Engineer, Pakistan Railways Narowal.

Project: Construction of Road Near Narowal Railway Station.

Our Ref. No. CL/CED/ 7250

Dated: 03/02/2025

Test Specification

Your Ref. No. A/3

Dated: 28/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29/01/2025 Tested on: 03/02/2025 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	OK	---	---	---	8.6 x 4.1 x 2.6	---	2800	35.26	40	2541	---	---
2	OK	---	---	---	8.5 x 4 x 2.6	---	2880	34	39	2569	---	---
3	OK	---	---	---	8.6 x 4.1 x 2.6	---	2745	35.26	40	2541	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

8728
Dr. M. Yousaf

To: Mr. Muhammad Zaki
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage / Drainage UC 79(A),
82,83,86,87,88,89,90,91,92,94,107, 218 (B) Samanabad Zone, MCL.
Our Ref. No. CL/CED/ 7251
Your Ref. No. 4084/103/LDP/SAMANABAD/04/20

Dated: 03/02/2025

Test Specification

Dated: 21/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22/01/2025 Tested on: 03/02/2025 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	MD	---	---	---	8.8 x 4.4 x 3	3765	3380	38.72	40	2314	11.39	---
2	MD	---	---	---	8.9 x 4.2 x 2.9	3655	3260	37.38	30	1798	12.12	---
3	MD	---	---	---	8.9 x 4.4 x 3	3770	3360	39.16	38	2174	12.2	---
4	GM	---	---	---	8.9 x 4.4 x 3	3850	3410	39.16	38	2174	12.9	---
5	GM	---	---	---	8.8 x 4.2 x 3	3795	3360	36.96	41	2485	12.95	---
6	GM	---	---	---	8.9 x 4.4 x 3	3895	3440	39.16	40	2288	13.23	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

8728
Dr. M. Yousaf

To: Mr. Muhammad Zaki

Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage, Chaman Colony, Sattar Colony, Chimbay Wala Khoo, Mohallah Achar Wali Factory, Shahdara, UC 04 & 05, Ravi Zone, MCL.

Our Ref. No. CL/CED/ 7252

Dated: 03/02/2025

Test Specification

Your Ref. No. 4084/103/LDP/RAVI/04/74

Dated: 20/01/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 22/01/2025 Tested on: 03/02/2025 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	FB	---	---	---	8.8 x 4.2 x 2.8	3595	3150	36.96	34	2061	14.13	---
2	FB	---	---	---	8.8 x 4.2 x 3	3695	3280	36.96	35	2121	12.65	---
3	FB	---	---	---	8.8 x 4.2 x 3	3675	3230	36.96	39	2364	13.78	---
4	FB	---	---	---	8.9 x 4.2 x 3	3665	3270	37.38	39	2337	12.08	---
5	FB	---	---	---	8.9 x 4.2 x 3	3610	3190	37.38	39	2337	13.17	---
6	FB	---	---	---	8.9 x 4.3 x 3	3685	3250	38.27	41	2400	13.38	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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

- 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.

8641
Dr. M. Yousaf

To: Mr. Safdar Rashid
Resident Engineer, Consulting Engineers- Architecture & Planning Division, NESPAK (Pvt) Ltd
Project: KBCMA College of Veterinary and Animal Sciences, Narowal Campus. Construction of Residences (BS 1-20)
Our Ref. No. CL/CED/ 7253
Your Ref. No. 4650/311/SR/78

Dated: 03/02/2025

Test Specification

Dated: 04/01/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 13/01/2025 Tested on: 03/02/2025 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	5	---	---	---	8.7 x 4.2 x 2.8	3355	3020	36.54	38	2330	11.09	---
2	5	---	---	---	8.8 x 4.4 x 3	3515	3135	38.72	28	1620	12.12	---
3	5	---	---	---	9 x 4.3 x 2.9	3470	3090	38.7	28	1621	12.3	---
4	5	---	---	---	8.9 x 4.4 x 3	3560	3275	39.16	37	2116	8.7	---
5	5	---	---	---	9 x 4.4 x 2.9	3475	3025	39.6	29	1640	14.88	---
6	5	---	---	---	8.8 x 4.3 x 2.8	3240	2990	37.84	41	2427	8.36	---
7	5	---	---	---	8.9 x 4.3 x 3	3610	3215	38.27	37	2166	12.29	---
8	5	---	---	---	8.8 x 4.4 x 3	3500	3185	38.72	36	2083	9.89	---
9	5	---	---	---	8.8 x 4.2 x 2.9	3410	3080	36.96	39	2364	10.71	---
10	5	---	---	---	9 x 4.2 x 2.9	3705	3230	37.8	34	2015	14.71	---
11	5	---	---	---	8.7 x 4.2 x 3	3305	2960	36.54	40	2452	11.66	---
12	5	---	---	---	9 x 4.4 x 3	3660	3155	39.6	34	1923	16.01	---
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

- 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.

8773

Dr. M. Yousaf

To: Engr. Naveed Iqbal
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd
Project: Construction of Building of Government College Women University Sialkot on Acquired Piece of Land at Sialkot (Group No. 01)
Our Ref. No. CL/CED/ 7254
Your Ref. No. RE/G3/GCWU/122

Dated: 03/02/2025

Test Specification

Dated: 03/12/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 29/01/2025 Tested on: 03/02/2025 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 Flooring (Area # 10)	22	10	2024	6x6x6	---	8.6	36	80	4978	---	Engraved
2	RCC Flooring (Area # 10)	22	10	2024	6x6x6	---	8.8	36	96	5973	---	Engraved
3	RCC Flooring (Area # 10)	22	10	2024	6x6x6	---	8.8	36	90	5600	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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