



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.

9378
Dr. Aqsa

To: Resident Engineer
Master Consulting Engineers (Pvt.) Ltd.

Project: Establishment of University of Gujranwala.

Our Ref. No. CL/CED/ 8196

Dated: 06/05/2025

Test Specification

Your Ref. No. C & W/MCE-UOG/CE/08

Dated: 24/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/05/2025 Tested on: 06/05/2025 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	3001 (3000 Psi)	26	3	2025	6Diax12	---	13.2	28.28	38	3010	---	Engraved
2	3002 (3000 Psi)	26	3	2025	6Diax12	---	13.2	28.28	41	3248	---	Engraved
3	3003 (3000 Psi)	26	3	2025	6Diax12	---	13.4	28.28	30	2376	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

9318
Dr. Aqsa

To: Mr. Waleed
Resident Engineer, GIM Developers

Project: Construction of Plaza at 51 Baber Block, New Garden Town, Lahore.

Our Ref. No. CL/CED/ 8197

Dated: 06/05/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/04/2025 Tested on: 06/05/2025 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	First Floor Slab (3000 Psi)	21	3	2025	6Diax12	---	13	28.28	17	1347	---	Engraved
2	First Floor Slab (3000 Psi)	21	3	2025	6Diax12	---	13	28.28	22	1743	---	Engraved
3	First Floor Slab (3000 Psi)	21	3	2025	6Diax12	---	13.2	28.28	24	1901	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL

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9374
Dr. Aqsa

To: Mr. Ameer Hamza Anjum
SQN LDR GE (AIR) Lahore. E-6 Section

Project: Construction of CSSD, Laundry & Services Area at PAF Hospital, Lahore.

Our Ref. No. CL/CED/ 8198-1 of 2

Dated: 06/05/2025

Test Specification

Your Ref. No. 6850/06/E6

Dated: 28/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Column (4000 Psi)	1	4	2025	6Diax12	---	12	28.28	48	3802	---	Non Engraved
2	Column (4000 Psi)	1	4	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
3	Column (4000 Psi)	1	4	2025	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
4	Slab (3500 Psi)	1	4	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
5	Slab (3500 Psi)	1	4	2025	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
6	Slab (3500 Psi)	1	4	2025	6Diax12	---	12.6	28.28	41	3248	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** 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
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9375

Dr. Aqsa

To: Mr. M. Azhar Akhter

Resident Engineer, Environmental & Public Health Engineering Division. NESPAK (Pvt) Ltd.

Project: Improvement of Water Supply/Sewerage System UC-25 (Bhamma Pind) Shalimar Zone Lahore. (M/s. Raj Civil Engineering-Mastic (J.V))

Our Ref. No. CL/CED/ 8199

Dated: 06/05/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/LAB-009

Dated: 24/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Wet Well Core Wall (4000 Psi)	22	2	2025	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	Wet Well Core Wall (4000 Psi)	22	2	2025	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
3	Wet Well Core Wall (4000 Psi)	22	2	2025	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Dr. Aqsa

To: Mr. M. Azhar Akhter
Resident Engineer, Environmental & Public Health Engineering Division. NESPAK (Pvt) Ltd.
Project: Improvement of Water Supply/Sewerage System UC-25 (Bhamma Pind) Shalimar Zone Lahore. (M/s. Raj Civil Engineering-Mastic (J.V))
Our Ref. No. CL/CED/ 8200
Your Ref. No. NESPAK/LDP/LHR/ST/LAB-010

Dated: 06/05/2025

Test Specification

Dated: 24/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Fnd. of Wet Well Curb, 4000 Psi	15	2	2025	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
2	Fnd. of Wet Well Curb, 4000 Psi	15	2	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	Fnd. of Wet Well Curb, 4000 Psi	15	2	2025	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Dr. Aqsa

To: Mr. M. Azhar Akhter
Resident Engineer, Environmental & Public Health Engineering Division. NESPAK (Pvt) Ltd.
Project: Improvement of Water Supply/Sewerage System UC-25 (Bhamma Pind) Shalimar Zone Lahore. (M/s. Raj Civil Engineering-Mastic (J.V))
Our Ref. No. CL/CED/ 8201
Your Ref. No. NESPAK/LDP/LHR/ST/LAB-011

Dated: 06/05/2025

Test Specification

Dated: 24/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Fnd. of Dry Well Curb (4000 Psi)	15	2	2025	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
2	Fnd. of Dry Well Curb (4000 Psi)	15	2	2025	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
3	Fnd. of Dry Well Curb (4000 Psi)	15	2	2025	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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9375
Dr. Aqsa

To: Mr. Muhammad Saleem
Material Engineer, NESPAK (Pvt) Ltd.

Project: Annual Development Program-WASA (ADP-2024-25) Rain Water Management-Drainage Arrangement for Sore Point at Fruit and Vegetable Iqbal Town, Lahore.

Our Ref. No. CL/CED/ 8202

Dated: 06/05/2025

Test Specification

Your Ref. No.

NESPAK/WASA/ADP/UGWT/ME/FRUIT&VEGETABL

Dated: 28/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Columns (4000 Psi)	24	3	2025	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
2	Columns (4000 Psi)	24	3	2025	6Diax12	---	15	28.28	56	4436	---	Non Engraved
3	Columns (4000 Psi)	24	3	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
4	Walls (4000 Psi)	27	3	2025	6Diax12	---	13	28.28	81	6416	---	Non Engraved
5	Walls (4000 Psi)	27	3	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
6	Walls (4000 Psi)	27	3	2025	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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9372
Dr. Aqsa

To: Mr. Sulman
Material Engineer, BH Consultants.

Project: Construction of 4-Storey Commercial Building (Frame Structure), J-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8203

Dated: 06/05/2025

Test Specification

Your Ref. No. Request #48

Dated: 30/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/05/2025 Tested on: 06/05/2025 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	Pool Wall (4000 Psi)	26	3	2025	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
2	Pool Wall (4000 Psi)	26	3	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	Pool Wall (4000 Psi)	26	3	2025	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
4	Columns & Lift (4000 Psi)	27	3	2025	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
5	Columns & Lift (4000 Psi)	27	3	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
6	Columns & Lift (4000 Psi)	27	3	2025	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
7	Retaining Wall (4000 Psi)	25	4	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
8	Retaining Wall (4000 Psi)	25	4	2025	6Diax12	---	14	28.28	57	4515	---	Non Engraved
9	Retaining Wall (4000 Psi)	25	4	2025	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
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