



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.

9094
Engr. A. Rehman

To: Mr. Waleed
Resident Engineer, GIM Developers, New Garden Town, Lahore

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

Our Ref. No. CL/CED/ 7866

Dated: 28/3/2025

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: 12/3/2025 Tested on: 28/3/2025 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	4500 Psi	4	2	2025	6Diax12	---	13.4	28.28	64	5069	---	Engraved
2	4500 Psi	4	2	2025	6Diax12	---	13	28.28	46	3644	---	Engraved
3	4500 Psi	4	2	2025	6Diax12	---	13	28.28	58	4594	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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9174

Engr. A. Rehman

To: Colonel Muhammad Asghar Khan Niazi SI (M) (Retd)
General Manager, Army Welfare Trust, Raiwind Road, Adda Plot Lahore

Project: Construction of Mosque in Block E-2, AWT Housing Scheme Phase-2, Lahore

Our Ref. No. CL/CED/ 7867

Dated: 28/3/2025

Test Specification

Your Ref. No. AWRES/Dev-N/Ph-2

Dated: 24/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/3/2025 Tested on: 28/3/2025 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	(1:1-1/2: 3)	24	2	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	(1:1-1/2: 3)	24	2	2025	6Diax12	---	13	28.28	40	3168	---	Non Engraved
3	(1:1-1/2: 3)	24	2	2025	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
4	(1:1-1/2: 3)	24	2	2025	6Diax12	---	13	28.28	53	4198	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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9175

Engr. A. Rehman

To: Resident Engineer
Master Consulting Engineers (Pvt) Ltd, Phase 1, DHA Lahore.

Project: Establishment of University of Gujranwala. (Academic Block 4 Ground Floor Roof Slab)

Our Ref. No. CL/CED/ 7868

Dated: 28/3/2025

Test Specification

Your Ref. No. C&W/MCE-UOG/N&Q/04

Dated: 14/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/3/2025 Tested on: 28/3/2025 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	#3004, 4000 Psi	14	2	2025	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
2	#3005, 4000 Psi	14	2	2025	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	#3006, 4000 Psi	14	2	2025	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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9203

Engr. A. Rehman

To: Mr. Tahawar Owais
Project Manager, DSG Energy, Garden Town, Lahore

Project: Construction of Office Building at 29-M QIE, Lahore

Our Ref. No. CL/CED/ 7869

Dated: 28/3/2025

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: 27/3/2025 Tested on: 28/3/2025 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	---	26	2	2025	6Diax12	---	14	28.28	55	4356	---	Non Engraved
2	---	26	2	2025	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
3	---	26	2	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
4	---	10	3	2025	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
5	---	10	3	2025	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
6	---	10	3	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
7	---	17	3	2025	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
8	---	17	3	2025	6Diax12	---	13.6	28.28	55	4356	---	Non Engraved
9	---	17	3	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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9189

Engr. A. Rehman

To: Project Manager
SUNSHINE HEALTHCARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 7870

Dated: 28/3/2025

Test Specification

Your Ref. No. Nil

Dated: 24/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	Slab Water Dipped	5	3	2025	6Diax12	---	13.4	28.28	62	4911	---	Engraved
2	Slab Water Dipped	5	3	2025	6Diax12	---	13.2	28.28	61	4832	---	Engraved
3	Slab Water Curing	5	3	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	Slab Water Curing	5	3	2025	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
5	Wall Water Dipped	11	3	2025	6Diax12	---	14	28.28	52	4119	---	Engraved
6	Wall Water Dipped	11	3	2025	6Diax12	---	13.8	28.28	56	4436	---	Engraved
7	Wall Field Curing	11	3	2025	6Diax12	---	13	28.28	41	3248	---	Engraved
8	Wall Field Curing	11	3	2025	6Diax12	---	14	28.28	50	3960	---	Engraved
9	Slab Water Dipped	18	3	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
10	Slab Water Dipped	18	3	2025	6Diax12	---	13.8	28.28	56	4436	---	Non Engraved
11	Slab Field Curing	18	3	2025	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
12	Slab Field Curing	18	3	2025	6Diax12	---	14	28.28	81	6416	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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9161

Engr. A. Rehman

To: Mr. Zahid Saleem
CEO, Equal Marketing (Pvt) Ltd

Project: The Minaar Fazaia Housing Scheme Raiwind Road Lahore (Structure: Slab)

Our Ref. No. CL/CED/ 7871

Dated: 28/3/2025

Test Specification

Your Ref. No. Nil

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/3/2025 Tested on: 28/3/2025 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	6	1	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	3000 Psi	6	1	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	3000 Psi	6	1	2025	6Diax12	---	12.8	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL

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9161

Engr. A. Rehman

To: Mr. Zahid Saleem
CEO, Equal Marketing (Pvt) Ltd

Project: The Minaar Fazaia Housing Scheme Raiwind Road Lahore (Structure: Column)

Our Ref. No. CL/CED/ 7872

Dated: 28/3/2025

Test Specification

Your Ref. No. Nil

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/3/2025 Tested on: 28/3/2025 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	4500 Psi	11	3	2025	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	4500 Psi	11	3	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
3	4500 Psi	11	3	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- * 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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Engr. A. Rehman

To: Mr. Zahid Saleem
CEO, Equal Marketing (Pvt) Ltd

Project: The Minaar Fazaia Housing Scheme Raiwind Road Lahore (Structure: Slab)

Our Ref. No. CL/CED/ 7873

Dated: 28/3/2025

Test Specification

Your Ref. No. Nil

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/3/2025 Tested on: 28/3/2025 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	27	2	2025	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	3000 Psi	27	2	2025	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	3000 Psi	27	2	2025	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

9186

Engr. A. Rehman

To: High Rise Builders (Pvt) Ltd
Johar Town, Lahore.

Project: 327 G3 Johar Town Lahore

Our Ref. No. CL/CED/ 7874

Your Ref. No. Nil

Dated: 28/3/2025

Dated: 24/3/2025

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	17	3	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	4000 Psi	17	3	2025	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
3	4000 Psi	17	3	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

9178

Engr. A. Rehman

To: Engr. Aziz ur Rahman

Assistant Resident Engineers, On the Behalf of ACE Architectural & Town Planning Services Ltd

Project: Resident Construction Supervision For Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore. (Admixture:WP-200)

Our Ref. No. CL/CED/ 7875

Dated: 28/3/2025

Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/31

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/3/2025 Tested on: 28/3/2025 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	Con.Trial, FosPak-568, 5000 Psi	21	2	2025	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
2	Con.Trial, FosPak-568, 5000 Psi	21	2	2025	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
3	Con.Trial, FosPak-568, 5000 Psi	21	2	2025	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

9178

Engr. A. Rehman

To: Engr. Aziz ur Rahman

Assistant Resident Engineers, On the Behalf of ACE Architectural & Town Planning Services Ltd

Project: Resident Construction Supervision For Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore

Our Ref. No. CL/CED/ 7876

Dated: 28/3/2025

Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/33

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/3/2025 Tested on: 28/3/2025 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	Con.Trial, FosPak-511, 1500 Psi	21	2	2025	6Diax12	---	13.4	28.28	31	2455	---	Non Engraved
2	Con.Trial, FosPak-511, 1500 Psi	21	2	2025	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
3	Con.Trial, FosPak-511, 1500 Psi	21	2	2025	6Diax12	---	13	28.28	29	2297	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

9178

Engr. A. Rehman

To: Engr. Aziz ur Rahman

Assistant Resident Engineers, On the Behalf of ACE Architectural & Town Planning Services Ltd

Project: Resident Construction Supervision For Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore

Our Ref. No. CL/CED/ 7877

Dated: 28/3/2025

Test Specification

Your Ref. No. NZEB/ACE/LAB/2025/32

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/3/2025 Tested on: 28/3/2025 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	Con.Trial, FosPak-511, 3000 Psi	21	2	2025	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
2	Con.Trial, FosPak-511, 3000 Psi	21	2	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	Con.Trial, FosPak-511, 3000 Psi	21	2	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

9196
Engr. A. Rehman

To: Mr. Sulman
Material Manager, BH Consultants, Garden Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), E1-Block, Valancia Society, Lahore

Our Ref. No. CL/CED/ 7878

Dated: 28/3/2025

Test Specification

Your Ref. No. Request#034

Dated: 26/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/3/2025 Tested on: 28/3/2025 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	(1:1.5:3)- Columns- 4000 Psi	9	3	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
2	(1:1.5:3)- Columns- 4000 Psi	9	3	2025	6Diax12	---	13	28.28	85	6733	---	Non Engraved
3	(1:1.5:3)- Columns- 4000 Psi	9	3	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	(1:1.5:3)- Columns- 4000 Psi	11	3	2025	6Diax12	---	13	28.28	47	3723	---	Non Engraved
5	(1:1.5:3)- Columns- 4000 Psi	11	3	2025	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
6	(1:1.5:3)- Columns- 4000 Psi	11	3	2025	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
7	(1:1.5:3)- Lift Wall- 4000 Psi	13	3	2025	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
8	(1:1.5:3)- Lift Wall- 4000 Psi	13	3	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
9	(1:1.5:3)- Lift Wall- 4000 Psi	13	3	2025	6Diax12	---	13.2	28.28	82	6495	---	Non Engraved
10	(1:2:4)- Stair- 3000 Psi	13	3	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
11	(1:2:4)- Stair- 3000 Psi	13	3	2025	6Diax12	---	13	28.28	56	4436	---	Non Engraved
12	(1:2:4)- Stair- 3000 Psi	13	3	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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- 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.

9196

Engr. A. Rehman

To: Mr. Sulman
Material Manager, BH Consultants, Garden Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), E1-Block, Valancia Society, Lahore

Our Ref. No. CL/CED/ 7879

Dated: 28/3/2025

Test Specification

Your Ref. No. Request#036

Dated: 26/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/3/2025 Tested on: 28/3/2025 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	(1:1.5:3)- Raft- 4000 Psi	10	3	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	(1:1.5:3)- Raft- 4000 Psi	10	3	2025	6Diax12	---	13	28.28	50	3960	---	Non Engraved
3	(1:1.5:3)- Raft- 4000 Psi	10	3	2025	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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- 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.

9185

Engr. A. Rehman

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) (At H/R RD. 263+000/L Pier Wall)

Our Ref. No. CL/CED/ 7880

Dated: 28/3/2025

Test Specification

Your Ref. No. 54/Camp

Dated: 24/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	263+000/L (1:1.45:2.20)	24	2	2025	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	263+000/L (1:1.45:2.20)	24	2	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	263+000/L (1:1.45:2.20)	24	2	2025	6Diax12	---	14	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9185

Engr. A. Rehman

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) (At H/R RD. 266+000/L Downstream Glacis Wall Left Side)

Our Ref. No. CL/CED/ 7881

Dated: 28/3/2025

Test Specification

Your Ref. No. 55/Camp

Dated: 21/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	266+000/L (1:1.45:2.20)	22	2	2025	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	266+000/L (1:1.45:2.20)	22	2	2025	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	266+000/L (1:1.45:2.20)	22	2	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9185

Engr. A. Rehman

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) (At H/R RD. 263+000/L Upstream Floor Left Side Wall, Upstream Glacis, Crest and Downstream Glacis)

Our Ref. No. CL/CED/ 7882

Dated: 28/3/2025

Test Specification

Your Ref. No. 34/Camp

Dated: 17/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	263+000/L (1:1.45:2.20)	21	1	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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9185

Engr. A. Rehman

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) (At H/R RD. 263+000/L Pier Wall)

Our Ref. No. CL/CED/ 7883

Dated: 28/3/2025

Test Specification

Your Ref. No. 53/Camp

Dated: 14/3/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/3/2025 Tested on: 28/3/2025 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	263+000/L (1:1.45:2.20)	17	2	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	263+000/L (1:1.45:2.20)	17	2	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
3	263+000/L (1:1.45:2.20)	17	2	2025	6Diax12	---	14	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9157

Engr. A. Rehman

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residencies

Project: Construction of the Skyline Mall & Residencies, Raiwind Road, Lahore (4th Floor Columns Concrete)

Our Ref. No. CL/CED/ 7884

Dated: 28/3/2025

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: 20/3/2025 Tested on: 28/3/2025 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	23	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
2	4000 Psi	23	1	2025	6Diax12	---	14.8	28.28	76	6020	---	Non Engraved
3	4000 Psi	23	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
4	4000 Psi	26	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
5	4000 Psi	26	1	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
6	4000 Psi	26	1	2025	6Diax12	---	14	28.28	69	5465	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9157

Engr. A. Rehman

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residencies

Project: Construction of the Skyline Mall & Residencies, Raiwind Road, Lahore (3rd Slab Concrete)

Our Ref. No. CL/CED/ 7885

Dated: 28/3/2025

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: 20/3/2025 Tested on: 28/3/2025 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	16	1	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	3000 Psi	16	1	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	3000 Psi	16	1	2025	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL

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9157

Engr. A. Rehman

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residencies

Project: The Skyline Mall & Residencies, Raiwind Road Lahore.

Our Ref. No. CL/CED/ 7886

Dated: 28/3/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/3/2025 Tested on: 28/3/2025 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	Solid Block (Light Weight)	---	---	---	12 x 6 x 8	---	12	72	23.5	731	---	---
2	Solid Block (Light Weight)	---	---	---	11.9 x 6 x 8	---	12	71.4	30	941	---	---
3	Solid Block (Light Weight)	---	---	---	11.9 x 3.9 x 8	---	7.8	46.41	18	869	---	---
4	Solid Block (Light Weight)	---	---	---	11.9 x 3.9 x 8	---	7.4	46.41	14	676	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

9076
Dr. Ubaid

To: Resident Engineer (GB Zone)
EPHE Division, NESPAK (Pvt) Ltd

Project: Provision of Water Supply & Sewerage System in Mughal Park, Manzoor Park & Gulshan-E-Riaz
Colony UC-50 Gunj Baksh Zone, Lahore
Our Ref. No. CL/CED/ 7887

Your Ref. No. LDP/GB-WASA/43101-362

Dated: 28/3/2025

Test Specification

Dated: 05/03/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 10/03/2025 Tested on: 28/3/2025 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	7MB	---	---	---	8.9 x 4.4 x 3	3805	3410	39.16	36	2059	11.58	---
2	7MB	---	---	---	8.9 x 4.3 x 3	3710	3305	38.27	36	2107	12.25	---
3	7MB	---	---	---	8.9 x 4.3 x 3	3805	3365	38.27	44	2575	13.08	---
4	7MB	---	---	---	9 x 4.4 x 3	3735	3290	39.6	38	2149	13.53	---
5	7MB	---	---	---	9 x 4.4 x 3	3810	3310	39.6	40	2263	15.11	---
6	7MB	---	---	---	9 x 4.3 x 2.9	3730	3250	38.7	38	2199	14.77	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL

A carbon copy for the report has been retained in the lab for record.

9076
Dr. Ubaid

To: Resident Engineer (GB Zone)
EPHE Division, NESPAK (Pvt) Ltd

Project: Provision of Water Supply & Sewerage System in Mughal Park, Manzoor Park & Gulshan-E-Riaz
Colony UC-50 Gunj Baksh Zone, Lahore

Our Ref. No. CL/CED/ 7888

Dated: 28/3/2025

Test Specification

Your Ref. No. LDP/GB-WASA/43101-363

Dated: 05/03/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 10/03/2025 Tested on: 28/3/2025 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	P	---	---	---	8.8 x 4.3 x 3	3980	3555	37.84	42	2486	11.95	---
2	P	---	---	---	8.9 x 4.3 x 3	3865	3470	38.27	42	2458	11.38	---
3	P	---	---	---	8.9 x 4.4 x 3	3925	3510	39.16	40	2288	11.82	---
4	P	---	---	---	9 x 4.4 x 3	3880	3490	39.6	34	1923	11.17	---
5	P	---	---	---	8.9 x 4.3 x 2.9	3900	3455	38.27	42	2458	12.88	---
6	P	---	---	---	8.9 x 4.3 x 3	3950	3485	38.27	40	2341	13.34	---
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.

9126
Dr. Ubaid

To: Mr. Manohar Lal

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

Project: Roads Restoration Program (2024-2025) Restoration / Improvement of ALIPUR HAFIZABAD ROAD,
Length = 14.10 KM District Hafizabad

Our Ref. No. CL/CED/ 7889

Dated: 28/3/2025

Test Specification

Your Ref. No. 4834/103/RRP/HFZ/ML/LAB/21

Dated: 11/03/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 17/3/2025 Tested on: 28/3/2025 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	Machine Made Double Line	---	---	---	8.6 x 4 x 2.6	2910	2630	34.4	40	2605	10.65	---
2	Machine Made Double Line	---	---	---	8.7 x 4.1 x 2.7	3075	2645	35.67	39	2449	16.26	---
3	Machine Made Double Line	---	---	---	8.6 x 4 x 2.6	3010	2685	34.4	44	2865	12.1	---
4	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.7	3205	2760	36.54	42	2575	16.12	---
5	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	3045	2625	35.7	26	1631	16	---
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/>

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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.

9128
Dr. Ubaid

To: Divisional Forest Officer
Lahore Forest Division, Lahore

Project: Establishment of Dargai Gill Forest Park

Our Ref. No. CL/CED/ 7890

Dated: 28/3/2025

Test Specification

Your Ref. No. 1045/AC

Dated: 13/3/2025

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 17/3/2025 Tested on: 28/3/2025 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	47	3552	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3470	29.64	38	2872	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3465	29.64	48	3628	---	---
4	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3385	29.64	44	3325	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3395	29.64	39	2947	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3305	29.64	28	2116	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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