



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.

9032
Dr. M. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 7606

Your Ref. No. CT/GF/06

Dated: 06/03/2025

Dated: 05/03/2025

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/03/2025 Tested on: 06/03/2025 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	C8	1	2	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	C9	2	2	2025	6Diax12	---	13.8	28.28	42	3327	---	Non Engraved
3	C10	2	2	2025	6Diax12	---	14	28.28	36	2851	---	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



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ORIGINAL

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9049
Dr. Umbreen

To: Tawasul Developers (Pvt.) Ltd.
1-Upper Mall, Lahore.

Project: CREEK TOWER, 6-D Upper Mall Lahore.

Our Ref. No. CL/CED/ 7607

Dated: 06/03/2025

Test Specification

Your Ref. No. Nil

Dated: 06/03/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06/03/2025 Tested on: 06/03/2025 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	5	2	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
2	3000 Psi	5	2	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	3000 Psi	5	2	2025	6Diax12	---	14	28.28	44	3485	---	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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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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9047
Dr. Umbreen

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/ 7608

Dated: 06/03/2025

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: 06/03/2025 Tested on: 06/03/2025 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	---	27	2	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	---	27	2	2025	6Diax12	---	14.2	28.28	42	3327	---	Non Engraved
3	---	27	2	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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ORIGINAL

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8974
Dr. Umbreen

To: **BISMILLAH STORE**
Shahalam Market, Lahore.

Project: Bismillah Heights, 234-B Commercial Area, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 7609

Dated: 06/03/2025

Test Specification

Your Ref. No. Nil

Dated: 24/02/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/02/2025 Tested on: 06/03/2025 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	10	2	2025	6Diax12	---	13	28.28	40	3168	---	Non Engraved
2	---	10	2	2025	6Diax12	---	13.2	28.28	26	2059	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** 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



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ORIGINAL

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9056
Dr. M. Yousaf

To: KHAN & COMPANY
Civil Work Contractor & General Order Suppliers, District Sahiwal.

Project: Solar MV, LV Room Reon Energy Limited at Fatima Fertilizer Sheikhpura.

Our Ref. No. CL/CED/ 7610

Dated: 06/03/2025

Test Specification

Your Ref. No. FF-02/060325

Dated: 06/03/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06/03/2025 Tested on: 06/03/2025 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	3000 Psi (1:2:4)	27	2	2025	6x6x6	---	9	36	42	2613	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL

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8533
Dr. M. Yousaf

To: Mr. M. Khurram Iqbal
Resident Engineer, NESPAK (Pvt) Ltd. RRP Narowal (Punjab)

Project: Restoration / Improvement of Noor Kot to Fatwal via Essa.

Our Ref. No. CL/CED/ 7611

Dated: 06/03/2025

Test Specification

Your Ref. No. RE/RRP/NRWL/KI/37

Dated: 24/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 30/12/2024 Tested on: 06/03/2025 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	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3090	2650	36.96	36	2182	16.6	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.6	3125	2710	36.54	39	2391	15.31	---
3	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.7	3185	2725	36.08	28	1738	16.88	---
4	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3195	2725	36.96	30	1818	17.25	---
5	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.6	3180	2700	36.54	32	1962	17.78	---
6	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	3190	2750	36.96	28	1697	16	---
7	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.6	2875	2480	36.54	33	2023	15.93	---
8	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.6	2845	2490	36.96	30	1818	14.26	---
9	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.6	2895	2440	36.12	28	1736	18.65	---
10	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.5	2695	2310	35.26	30	1906	16.67	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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9005
Dr. Umbreen

To: Mr. Moeen Ahmad Khan
Resident Engineer, NESPAK (Pvt) Ltd.

Project: Rain Water Management - Drainage Arrangements - For Sore Points at Lahore Under Ground Water Tank (Tikka Chowk)

Our Ref. No. CL/CED/ 7612

Dated: 06/03/2025

Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWT/TC/04

Dated: 26/02/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/02/2025 Tested on: 06/03/2025 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	Lean	12	2	2025	6Diax12	---	13	28.28	10	792	---	Engraved
2	Lean	12	2	2025	6Diax12	---	13	28.28	8	634	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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