



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.

6822
 Dr. Ubaid

To: Mr. M. Usman Rauf
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.
 Project: MCL-Projects: Restoration of Road Cut for Laying of Water Supply Pipe Line Qazi Town Subzazar H Block Lahore.
 Our Ref. No. CL/CED/ 4396 Dated: 07-03-24
 Your Ref. No. 4084/103/MUR/104/1795 Dated: 05-03-24

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **06-03-24** Tested on: **07-03-24** 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	---	5	2	2024	6x6x6	---	8.2	36	82	5102	---	Non Engraved
2	---	5	2	2024	6x6x6	---	8.6	36	52	3236	---	Non Engraved
3	---	5	2	2024	6x6x6	---	9	36	100	6222	---	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-reports/>

- * 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" dia x 12" 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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6808
 Dr. Ubaid

To: Engr. M. Abrar Ahmad
 MSc Structural Engineer, Abrar Ahmad Associates

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 4397

Dated: 07-03-24

Test Specification

Your Ref. No. Nil

Dated: 04-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-03-24 **Tested on:** 07-03-24 **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	FF Slab	3	2	2024	6Diax12	---	12.4	28.28	16	1267	---	Engraved
2	FF Slab	3	2	2024	6Diax12	---	13	28.28	10	792	---	Engraved
3	FF Slab	3	2	2024	6Diax12	---	13	28.28	20	1584	---	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-reports/>

- * 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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6808
 Dr. Ubaid

To: Engr. M. Abrar Ahmad
 MSc Structural Engineer, Abrar Ahmad Associates

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 4398

Dated: 07-03-24

Test Specification

Your Ref. No. Nil

Dated: 04-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-03-24 **Tested on:** 07-03-24 **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	2nd Floor Column	24	2	2024	6Diax12	---	13	28.28	34	2693	---	Non Engraved
2	2nd Floor Column	24	2	2024	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	2nd Floor Column	24	2	2024	6Diax12	---	12	28.28	33	2614	---	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-reports/>

- * 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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6815
 Dr. Ubaid

To: Mr. Muhammad Sajjad
 Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore. (Tanks Retaining Wall)

Our Ref. No. CL/CED/ 4399

Dated: 07-03-24

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: 05-03-24 Tested on: 07-03-24 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	4000 Psi	23	2	2024	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	4000 Psi	23	2	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
3	4000 Psi	23	2	2024	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6814
 Dr. Ubaid

To: Mr. Muhammad Sohail Anjum
 Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town Lahore.

Our Ref. No. CL/CED/ 4400

Dated: 07-03-24

Test Specification

Your Ref. No. MSITT/UET/2024/C-016

Dated: 05-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-03-24 **Tested on:** 07-03-24 **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	No.55(1950 Psi)	27	2	2024	6Diax12	---	14.6	28.28	30	2376	---	Non Engraved
2	No.56(1950 Psi)	27	2	2024	6Diax12	---	14	28.28	26	2059	---	Non Engraved
3	No.63(1950 Psi)	27	2	2024	6Diax12	---	13.8	28.28	27	2139	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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6818
 Dr. Umbreen

To: Mr. Hafiz Muhammad Saad, PMP
 Project Manager, 7 Canal Developers.

Project: Construction of 7 Canal Residential Apartment Building

Our Ref. No. CL/CED/ 4401

Dated: 07-03-24

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: 05-03-24 **Tested on:** 07-03-24 **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	(1/2)	25	2	2024	6Diax12	---	15	28.28	30	2376	---	Non Engraved
2	(1/2)	25	2	2024	6Diax12	---	15	28.28	34	2693	---	Non Engraved
3	No.1	25	2	2024	6Diax12	---	15	28.28	36	2851	---	Non Engraved
4	No.1	25	2	2024	6Diax12	---	15	28.28	28	2218	---	Non Engraved
5	---	26	2	2024	6Diax12	---	15	28.28	34	2693	---	Non Engraved
6	---	26	2	2024	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain

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Director/Dy. Director Concrete Laboratory