



**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.

6906  
 Dr. Umbreen

**To: Mr. Mohsin Farooq Khokhar**  
 A/PE (Civil), DHA Maintenance Branch (A) Office A-11, Office Phase-I Lahore Cantt.

**Project: Uplifting of Parking Areas of Sec G Masjid Ph-V and Filtration Plants Ph I-V DHA Lahore. (Supply by M/S Banu Mukhtar)**

**Our Ref. No. CL/CED/ 4489**

**Dated: 21-03-24**

**Test Specification**

**Your Ref. No. Lab/Tuff Pavers/Maint**

**Dated: 20-03-24**

**( ---- )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 21-03-24    Tested on: 21-03-24    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	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2785	29.64	137	10354	---	---
2	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2840	29.64	148	11185	---	---
3	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	123	9296	---	---
4	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2815	29.64	180	13603	---	---
5	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2805	29.64	162	12243	---	---
6	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	117	8842	---	---
7	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2775	29.64	125	9447	---	---
8	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	150	11336	---	---
9	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2730	29.64	162	12243	---	---
10	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2770	29.64	142	10731	---	---
11	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2855	29.64	127	9598	---	---
12	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2755	29.64	138	10429	---	---
13	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2825	29.64	150	11336	---	---
14	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	138	10429	---	---
15	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2775	29.64	170	12848	---	---
16	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	138	10429	---	---

**Witnessed by:**

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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6883  
 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/ 4490

Dated: 21-03-24

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: 18-03-24    Tested on: 21-03-24    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	---	25	2	2024	6Diax12	---	16	28.28	48	3802	---	Non Engraved
2	---	25	2	2024	6Diax12	---	15.6	28.28	40	3168	---	Non Engraved
3	---	25	2	2024	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
4	---	25	2	2024	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

**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



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**ORIGINAL**  
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6884  
 Dr. Ubaid

**To:** Sub Divisional Officer  
 Building Sub Division No.17, GOR-I, Lahore.

**Project:** Construction of Balance Work "Punjab Small Industries Corporation House", Davis Road Lahore.

**Our Ref. No. CL/CED/ 4491**

**Dated: 21-03-24**

**Test Specification**

**Your Ref. No. Endst:1073**

**Dated: 14-03-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 18-03-24 **Tested on:** 21-03-24 **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	C5	1	3	2024	6Diax12	---	12.4	28.28	30	2376	---	Engraved
2	C6	2	3	2024	6Diax12	---	13	28.28	31	2455	---	Non Engraved
3	C8	3	3	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
4	C9	5	3	2024	6Diax12	---	13.6	28.28	31	2455	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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6882  
 Dr. Ubaid

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

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

Our Ref. No. CL/CED/ 4492

Dated: 21-03-24

Test Specification

Your Ref. No. Nil

Dated: 18-03-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 18-03-24 Tested on: 21-03-24 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 Slab	9	3	2024	6Diax12	---	13.4	28.28	20	1584	---	Engraved
2	2nd Floor Slab	9	3	2024	6Diax12	---	13	28.28	20	1584	---	Engraved
3	2nd Floor Slab	9	3	2024	6Diax12	---	14	28.28	20	1584	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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**ORIGINAL**  
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6887  
 Dr. Ubaid

**To: Mr. M. Usman Rauf**  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.

**Project: MCL-Projects: Rehabilitation of Main Road and Nallah Khotli Ghassi UC-143 Wahga Zone Lahore.**

**Our Ref. No. CL/CED/ 4493**

**Dated: 21-03-24**

**Test Specification**

**Your Ref. No. 4084/103/MUR/104/1816**

**Dated: 15-03-24**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 19-03-24    Tested on: 21-03-24    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	---	15	2	2024	6x6x6	---	8.6	36	75	4667	---	Non Engraved
2	---	15	2	2024	6x6x6	---	8.6	36	45	2800	---	Non Engraved
3	---	15	2	2024	6x6x6	---	9	36	100	6222	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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**ORIGINAL**  
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6888  
 Dr. Ubaid

**To: Mr. Muazzam Shoukat**  
 Muhammad Younis Construction Company

**Project: Construction of House No. 184-D, DHA Phase 8-Ex Park View**

**Our Ref. No. CL/CED/ 4494**

**Dated: 21-03-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 19-03-24**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



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

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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	Basement Wall (5000 Psi)	2	3	2024	6x6x6	---	9.2	36	122	7591	---	Non Engraved
2	Basement Wall (5000 Psi)	2	3	2024	6x6x6	---	9.2	36	95	5911	---	Non Engraved
3	Basement Wall (5000 Psi)	2	3	2024	6x6x6	---	9.2	36	64	3982	---	Non Engraved
4	Basement Wall (5000 Psi)	2	3	2024	6x6x6	---	8.8	36	108	6720	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Nil**

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