



**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.

7013  
 Dr. Qasim Khan

**To:** Mr. Muhammad Ismail  
 ARE, Package-V, MMP-PCP Okara. MM Pakistan (Pvt) Ltd.

**Project:** Laying of Tuff Pavers/Tiles in Various Important Areas of Okara City. Punjab Cities Program (PCP)-PMDFC. (Contractor: M/S Muhammad Sajjad Pvt. Ltd.)

**Our Ref. No.** CL/CED/ 4657

**Dated:** 18-04-24

**Test Specification**

**Your Ref. No.** MMP/MCO/PCP/184/2024

**Dated:** 17-04-24

( BS 6717 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 17-04-24 **Tested on:** 18-04-24 **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	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4670	37.44	83	4966	---	5860
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4630	37.44	79	4726	---	5577
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4610	37.44	91	5444	---	6424
4	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4595	37.44	79	4726	---	5577
5	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4750	37.44	74	4427	---	5224
6	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4770	37.44	81	4846	---	5718
7	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4490	37.44	93	5564	---	6566
8	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4610	37.44	91	5444	---	6424
9	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Mr. Waseem Ahmad Hashmi, RE, Mr. Ghulam Murtaza, PO (ID) PMDFC Lahore & Mr. Zubair Hassan, Izhar Pavers

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" 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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7022  
 Dr. M. Burhan Sharif

To: Engr. Haseeb Afzal  
 Project Manager, HMB Developers (Pvt) Ltd.

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (Ground Floor Shear Wall C-D/1-2 & 1st Floor Columns N/1,2 MJ,H/1,2,4)

Our Ref. No. CL/CED/ 4658

Dated: 18-04-24

Test Specification

Your Ref. No. HMBDPL/S.O/04/24/98th (LHR)

Dated: 18-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 18-04-24 Tested on: 18-04-24 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	CT-91 (6000 Psi)	18	3	2024	6Diax12	---	14.2	28.28	91	7208	---	Non Engraved
2	CT-91 (6000 Psi)	18	3	2024	6Diax12	---	14.6	28.28	105	8317	---	Non Engraved
3	CT-91 (6000 Psi)	18	3	2024	6Diax12	---	15.4	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ghulam Nabi, CNIC # 35201-1248412-1

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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7021  
 Dr. Ubaid

To: Project Manager  
 Tawasul Developers (Pvt) Ltd. Lahore.

Project: Creek Tower 6-D Upper Mall, Lahore.

Our Ref. No. CL/CED/ 4659

Dated: 18-04-24

Test Specification

Your Ref. No. Nil

Dated: 17-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  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	5000 Psi	19	3	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
2	5000 Psi	19	3	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	5000 Psi	19	3	2024	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Junaid Aslam, CNIC # 35202-6038398-7

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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6999  
 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/ 4660

Dated: 18/4/2024

Test Specification

Your Ref. No. MSITT/UET/2024/C-020

Dated: 05-04-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 08/4/2024 Tested on: 18/4/2024 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	Cylinder No. 72 (5000 Psi)	28	3	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	Cylinder No. 76 (5000 Psi)	28	3	2024	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



# Plain and Reinforced Concrete Laboratory

## Civil Engineering Department

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**ORIGINAL**  
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6959  
Dr. Ubaid

To: Sub Divisional Officer  
Buildings Sub Division No. 15, Lahore

Project: Construction of Boundary Wall Right Side Situated at Mouza Badoki Tehsil Model Town, District Lahore.

Our Ref. No. CL/CED/ 4661

Dated: 18/4/2024

Test Specification

Your Ref. No. No. 444

Dated: 21/3/2024

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 29/3/2024 Tested on: 18/4/2024 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	M	---	---	---	8.4 x 4.1 x 3	3670	3335	34.44	44	2862	10.04	---
2	M	---	---	---	8.8 x 4.2 x 3	3580	3125	36.96	40	2424	14.56	---
3	M	---	---	---	8.8 x 4.2 x 3	3735	3235	36.96	54	3273	15.46	---
4	M	---	---	---	8.8 x 4.2 x 2.9	3690	3345	36.96	50	3030	10.31	---
5	M	---	---	---	8.6 x 4.1 x 3	3605	3280	35.26	54	3431	9.91	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL  
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6966  
 Dr. Ubaid

To: Sub Divisional Officer  
 Buildings Sub Division Narowal

Project: Balance Work of Revamping of All DHQ / 15 THQ Hospitals in Punjab one at DHQ Hospital Narowal  
 ADP No. 660 For the Year 2022-23.

Our Ref. No. CL/CED/ 4662

Dated: 18/4/2024

Test Specification

Your Ref. No. 283/NL

Dated: 11-05-23

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 01-04-24 Tested on: 18/4/2024 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	VIP	---	---	---	8.9 x 4.1 x 2.8	---	2970	36.49	32	1964	---	---
2	VIP	---	---	---	8.8 x 4.1 x 2.8	---	2930	36.08	36	2235	---	---
3	VIP	---	---	---	8.8 x 4.1 x 2.8	---	2875	36.08	34	2111	---	---
4	VIP	---	---	---	8.8 x 4.1 x 2.8	---	2985	36.08	28	1738	---	---
5	VIP	---	---	---	8.8 x 4.1 x 2.8	---	2915	36.08	29	1800	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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6972  
 Dr. Ubaid

**To:** Mr. Muzaffer Ahmad  
 Resident Engineer, G3 Engineering Consultant (Pvt) Ltd, University of Narowal  
 Project: Construction of Residential Area at University of Narowal (New Campus)- Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).  
 Our Ref. No. CL/CED/ 4663      Dated: 18/4/2024  
 Your Ref. No. G3/UON-RE/518      Dated: 26/3/2024

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 01-04-24 Tested on: 18/4/2024 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	M	---	---	---	8.9 x 4.2 x 2.9	3665	3320	37.38	48	2876	10.39	---
2	M	---	---	---	8.8 x 4.2 x 2.9	3575	3265	36.96	36	2182	9.49	---
3	M	---	---	---	8.8 x 4.1 x 2.9	3555	3285	36.08	36	2235	8.22	---
4	M	---	---	---	8.8 x 4.1 x 2.9	3560	3275	36.08	42	2608	8.7	---
5	M	---	---	---	8.8 x 4.2 x 2.9	3605	3275	36.96	46	2788	10.08	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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