



**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.

4981  
 Dr. Umbreen

To: The Resident Engineer  
 Acrow Consulting Pvt. Ltd. Lahore.

Project: Construction of Building B-45 MM Alam Road Gulberg-III. (S-B-02, Grid 9-13)

Our Ref. No. CL/CED/ 1493

Dated: 20-03-23

Test Specification

Your Ref. No. AC/B-45/05

Dated: 17-03-23

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20-03-23 Tested on: 20-03-23 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	TM-3, Tank (4000 Psi)	17	2	2023	6Diax12	---	14	28.28	55	4356	---	Non Engraved
2	TM-2, Tank (4000 Psi)	17	2	2023	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
3	TM-1, Tank (4000 Psi)	17	2	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Uzair, CNIC # 16102-6784638-9

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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**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.

4981  
 Dr. Umbreen

**To:** The Resident Engineer  
 Acrow Consulting Pvt. Ltd. Lahore.

**Project:** Construction of Building B-45 MM Alam Road Gulberg-III. (Raft UGWT)

**Our Ref. No.** CL/CED/ 1494

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** AC/B-45/06

**Dated:** 20-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-6, Tank (4000 Psi)	20	2	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved	
2	TM-10, Tank (4000 Psi)	20	2	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved	
3	TM-4, Tank (4000 Psi)	20	2	2023	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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9	---	---	---	---	---	---	---	---	---	---	---	---	
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11	---	---	---	---	---	---	---	---	---	---	---	---	
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13	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. Uzair, CNIC # 16102-6784638-9

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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4977  
 Dr. Umbreen

To: Mr. Zeeshan Afzal  
 District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1495

Dated: 20-03-23

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	1010	23	1	2023	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	1024	27	1	2023	6Diax12	---	13.8	28.28	94	7446	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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**ORIGINAL**  
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4957  
 Dr. Umbreen

**To:** Lt. Col. (R.) Muhammad Ibrahim, Senior Estate Engineer  
 Board of Management, Sundar Industrial Estate, Lahore. (M/S Lasani Builders)

**Project:** Supply and Fixing of Kerb Stone at SIE.

**Our Ref. No.** CL/CED/ 1496

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** BOM/SIE/BCD/8783

**Dated:** 14-03-23

( ---- )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 15/3/2023 **Tested on:** 20-03-23 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	Kerb Stone	---	---	---	5.9x5.9x6	---	7.6	34.81	45	2896	---	Cut Cube	
2	Kerb Stone	---	---	---	6x6x6	---	7.8	36	63	3920	---	Cut Cube	
3	Kerb Stone	---	---	---	5.9x5.9x6	---	7.8	34.81	63	4054	---	Cut Cube	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

**Witnessed by:** Nil

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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Director/Dy. Director Concrete Laboratory



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4974  
 Dr. Umbreen

**To:** Mr. Imran Sattar, Divisional Forest Officer  
 Office of the Divisional Forest Officer Kasur Forest Division at Changa Manga

**Project:** Construction of Boundary Wall at Changa Manga Irrigation Plantation

**Our Ref. No.** CL/CED/ 1497-1 of 2

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** No.747/AC

**Dated:** 14-03-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **17/3/2023** Tested on: **20-03-23** 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	(1:2:4)	9	3	2023	6x6x6	---	7.6	36	67	4169	---	Non Engraved
2	(1:2:4)	9	3	2023	6x6x6	---	7.6	36	43	2676	---	Non Engraved
3	(1:2:4)	9	3	2023	6x6x6	---	8	36	63	3920	---	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-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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 A carbon copy for the report has been retained in the lab for record.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1498

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/20th(LHR)

Dated: 17-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 20-03-23 Tested on: 20-03-23 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	TM-9 (4500 Psi)	9	3	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
2	TM-9 (4500 Psi)	9	3	2023	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
3	TM-9 (4500 Psi)	9	3	2023	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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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4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1499

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/13th(LHR)

Dated: 16-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-4 (3500 Psi)	8	3	2023	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
2	TM-4 (3500 Psi)	8	3	2023	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	TM-4 (3500 Psi)	8	3	2023	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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

- \* as engraved on the specimens (if any)
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4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1500

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/21th(LHR)

Dated: 17-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-10 (3500 Psi)	9	3	2023	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
2	TM-10 (3500 Psi)	9	3	2023	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	TM-10 (3500 Psi)	9	3	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

**Project:** Construction of Commercial Tower, Finance Trade Centre Lahore.

**Our Ref. No.** CL/CED/ 1501

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** HMBDPL/S.O/03/23/22th(LHR)

**Dated:** 17-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-8 (6000 Psi)	9	3	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
2	TM-8 (6000 Psi)	9	3	2023	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
3	TM-8 (6000 Psi)	9	3	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1502

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/15th(LHR)

Dated: 16-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-5 (3500 Psi)	8	3	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	TM-5 (3500 Psi)	8	3	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	TM-5 (3500 Psi)	8	3	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1503

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/17th(LHR)

Dated: 16-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-7 (6000 Psi)	8	3	2023	6Diax12	---	13.8	28.28	92	7287	---	Non Engraved
2	TM-7 (6000 Psi)	8	3	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
3	TM-7 (6000 Psi)	8	3	2023	6Diax12	---	14	28.28	93	7366	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1504

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/16th(LHR)

Dated: 16-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-6 (4500 Psi)	8	3	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
2	TM-6 (4500 Psi)	8	3	2023	6Diax12	---	13.6	28.28	81	6416	---	Non Engraved
3	TM-6 (4500 Psi)	8	3	2023	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1505

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/27th(LHR)

Dated: 17-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 20-03-23 Tested on: 20-03-23 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	TM-6 (3500 Psi)	12	3	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	TM-6 (3500 Psi)	12	3	2023	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
3	TM-6 (3500 Psi)	12	3	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

**Project:** Construction of Commercial Tower, Finance Trade Centre Lahore.

**Our Ref. No.** CL/CED/ 1506

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** HMBDPL/S.O/03/23/24th(LHR)

**Dated:** 17-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 20-03-23 **Tested on:** 20-03-23 **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	TM-1 (6000 Psi)	11	3	2023	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
2	TM-1 (6000 Psi)	11	3	2023	6Diax12	---	15	28.28	90	7129	---	Non Engraved
3	TM-1 (6000 Psi)	11	3	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1507

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/12th(LHR)

Dated: 16-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-2 (4500 Psi)	7	3	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	TM-2 (4500 Psi)	7	3	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
3	TM-2 (4500 Psi)	7	3	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1508

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/28th(LHR)

Dated: 17-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 20-03-23 Tested on: 20-03-23 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	TM-4 (6000 Psi)	12	3	2023	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
2	TM-4 (6000 Psi)	12	3	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
3	TM-4 (6000 Psi)	12	3	2023	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1509

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/14th(LHR)

Dated: 16-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-3 (6000 Psi)	8	3	2023	6Diax12	---	14.4	28.28	100	7921	---	Non Engraved
2	TM-3 (6000 Psi)	8	3	2023	6Diax12	---	14.2	28.28	92	7287	---	Non Engraved
3	TM-3 (6000 Psi)	8	3	2023	6Diax12	---	13.6	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1510

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/24th(LHR)

Dated: 17-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-2 (4500 Psi)	11	3	2023	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
2	TM-2 (4500 Psi)	11	3	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	TM-2 (4500 Psi)	11	3	2023	6Diax12	---	14.4	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1511

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/23th(LHR)

Dated: 18-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-3 (3500 Psi)	11	3	2023	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	TM-3 (3500 Psi)	11	3	2023	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
3	TM-3 (3500 Psi)	11	3	2023	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4983  
 Engr. A. Rehman

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 1512

Dated: 20-03-23

Test Specification

Your Ref. No. HMBDPL/S.O/03/23/26th(LHR)

Dated: 17-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **20-03-23** Tested on: **20-03-23** 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	TM-5 (4500 Psi)	12	3	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	TM-5 (4500 Psi)	12	3	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	TM-5 (4500 Psi)	12	3	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Arslan Ali Khan, CNIC # 35201-8931685-1

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.

4960  
 Dr. Umbreen

**To: Project Manager**  
 Baig Construction Co. Engineers & Contractors

**Project: Construction of Chohan Hospital, Jail Road, Lahore.**

**Our Ref. No. CL/CED/ 1513**

**Dated: 20-03-23**

**Test Specification**

**Your Ref. No. BCC/UET/20230315**

**Dated: 15-03-23**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 15-03-23    Tested on: 20-03-23    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	Raft Bed # 9 (1950 Psi)	8	3	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	Raft Bed # 10 (1950 Psi)	8	3	2023	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	Raft Bed # 11 (1950 Psi)	8	3	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Nil**

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.

4955  
 Dr. Umbreen

To: Mr. Farhan Rasool  
 Project Architect, HKB Retail (SMC Pvt.) Ltd.

Project: Extension of HKB Head Office Building.

Our Ref. No. CL/CED/ 1514

Dated: 20-03-23

Test Specification

Your Ref. No. HKB-HO/CR/003

Dated: 07-03-23

(ASTM C39)

**COMPRESSION TEST REPORT**



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

Specimens received on: 15-03-23 Tested on: 20-03-23 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	3rd F. Col. (4000 Psi)	5	2	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	3rd F. Col. (4000 Psi)	5	2	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	3rd F. Col. (4000 Psi)	7	2	2023	6Diax12	---	13	28.28	37	2931	---	Non Engraved
4	3rd F. Col. (4000 Psi)	7	2	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

4967  
 Dr. Umbreen

**To:** Mr. Muhammad Tufail  
 Construction Team Leader, Zor Engineers (Pvt) Limited Lahore Office.

**Project:** OM Trust High School Building Sheikhpura.

**Our Ref. No.** CL/CED/ 1515

**Dated:** 20-03-23

**Test Specification**

**Your Ref. No.** 230.41.1/MT/3

**Dated:** 16-03-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 17-03-23 **Tested on:** 20-03-23 **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	1st Floor Roof Slab (1:2:4)	23	2	2023	6x6x6	---	8.8	36	57	3547	---	Engraved
2	1st Floor Roof Slab (1:2:4)	23	2	2023	6x6x6	---	8.8	36	65	4044	---	Engraved
3	1st Floor Roof Slab (1:2:4)	23	2	2023	6x6x6	---	8.8	36	63	3920	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Nil

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**



**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.

4971  
 Dr. Umbreen

**To:** Engr. Khalid Sattar  
 Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers Pvt. Ltd. (Maconsult)  
 Project: Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No:768 for the Year 2021-2022.  
 Our Ref. No. CL/CED/ 1516 Dated: 20-03-23  
 Your Ref. No. MCE/DHQ Hfzd/23/33 Dated: 07-03-23

**Test Specification**  
 ( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 17-03-23 Tested on: 20-03-23 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	RCC Wall (1:1.5:3) Lower Ground F.	29	1	2023	6x6x6	---	8.8	36	88	5476	---	Non Engraved
2	RCC Wall (1:1.5:3) Lower Ground F.	29	1	2023	6x6x6	---	8.8	36	96	5973	---	Non Engraved
3	RCC Wall (1:1.5:3) Lower Ground F.	29	1	2023	6x6x6	---	9	36	123	7653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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
- \*\*\* 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

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**To:** Engr. Khalid Sattar  
 Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers Pvt. Ltd. (Maconsult)  
**Project:** Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No:768 for the Year 2021-2022.  
**Our Ref. No.** CL/CED/ 1517      **Dated:** 20-03-23  
**Your Ref. No.** MCE/DHQ Hfzd/23/34      **Dated:** 07-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **17-03-23** Tested on: **20-03-23** 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	Foundation Beam Lower G.F. (1:2:4)	1	2	2023	6x6x6	---	8.6	36	124	7716	---	Non Engraved
2	Foundation Beam Lower G.F. (1:2:4)	1	2	2023	6x6x6	---	9.4	36	116	7218	---	Non Engraved
3	Foundation Beam Lower G.F. (1:2:4)	1	2	2023	6x6x6	---	9	36	118	7342	---	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-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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 Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers Pvt. Ltd. (Maconsult)  
 Project: Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No:768 for the Year 2021-2022.  
 Our Ref. No. CL/CED/ 1518 Dated: 20-03-23  
 Your Ref. No. MCE/DHQ Hfzd/23/35 Dated: 07-03-23

**Test Specification**  
 ( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 17-03-23 Tested on: 20-03-23 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	RCC Col. (1:1.5:3) Lower G.F	7	2	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
2	RCC Col. (1:1.5:3) Lower G.F	7	2	2023	6x6x6	---	8.8	36	96	5973	---	Non Engraved
3	RCC Col. (1:1.5:3) Lower G.F	7	2	2023	6x6x6	---	8.6	36	104	6471	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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 Our Ref. No. CL/CED/ 1519      Dated: 20-03-23  
 Your Ref. No. MCE/DHQ Hfzd/23/36      Dated: 07-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **17-03-23** Tested on: **20-03-23** 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	RCC Slab (1:2:4) Lower G. F	2	2	2023	6x6x6	---	9	36	112	6969	---	Engraved
2	RCC Slab (1:2:4) Lower G. F	2	2	2023	6x6x6	---	9	36	90	5600	---	Engraved
3	RCC Slab (1:2:4) Lower G. F	2	2	2023	6x6x6	---	9.2	36	112	6969	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- \* as engraved on the specimens (if any)
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**Project:** Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No:768 for the Year 2021-2022.  
**Our Ref. No.** CL/CED/ 1520      **Dated:** 20-03-23  
**Your Ref. No.** MCE/DHQ Hfzd/23/38      **Dated:** 08-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17-03-23** Tested on: **20-03-23** 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	RCC Wall (1:1.5:3) Lower G.F	9	2	2023	6x6x6	---	9	36	79	4916	---	Non Engraved
2	RCC Wall (1:1.5:3) Lower G.F	9	2	2023	6x6x6	---	9	36	75	4667	---	Non Engraved
3	RCC Wall (1:1.5:3) Lower G.F	9	2	2023	6x6x6	---	9.2	36	92	5724	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**To:** Engr. Khalid Sattar  
 Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers Pvt. Ltd. (Maconsult)  
**Project:** Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.1) ADP No:768 for the Year 2021-2022.  
**Our Ref. No.** CL/CED/ 1521      **Dated:** 20-03-23  
**Your Ref. No.** MCE/DHQ Hfzd/23/39      **Dated:** 16-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 17-03-23      **Tested on:** 20-03-23      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	RCC Slab (1:2:4) Lower G. F	13	2	2023	6x6x6	---	9	36	67	4169	---	Engraved
2	RCC Slab (1:2:4) Lower G. F	13	2	2023	6x6x6	---	8.8	36	59	3671	---	Engraved
3	RCC Slab (1:2:4) Lower G. F	13	2	2023	6x6x6	---	8.6	36	77	4791	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** Nil

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**Project:** Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.1) ADP No:768 for the Year 2021-2022.  
**Our Ref. No.** CL/CED/ 1522      **Dated:** 20-03-23  
**Your Ref. No.** MCE/DHQ Hfzd/23/40      **Dated:** 16-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 17-03-23      **Tested on:** 20-03-23      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	RCC Wall (1:1.5:3) Lower G. F	14	2	2023	6x6x6	---	8.6	36	104	6471	---	Engraved
2	RCC Wall (1:1.5:3) Lower G. F	14	2	2023	6x6x6	---	8.8	36	112	6969	---	Engraved
3	RCC Wall (1:1.5:3) Lower G. F	14	2	2023	6x6x6	---	8.8	36	114	7093	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Nil

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**



**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.

4972  
 Dr. Umbreen

**To:** Engr. Khalid Sattar  
 Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers Pvt. Ltd. (Maconsult)  
 Project: Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital Hafizabad (Group No.2) ADP No:768 for the Year 2021-2022.  
 Our Ref. No. CL/CED/ 1523      Dated: 20-03-23  
 Your Ref. No. MCE/DHQ Hfzd/23/41      Dated: 16-03-23

**Test Specification**  
 ( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17-03-23** Tested on: **20-03-23** 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	RCC Col. (1:1.5:3) Upper G. F	15	2	2023	6x6x6	---	8.6	36	86	5351	---	Engraved
2	RCC Col. (1:1.5:3) Upper G. F	15	2	2023	6x6x6	---	9	36	86	5351	---	Engraved
3	RCC Col. (1:1.5:3) Upper G. F	15	2	2023	6x6x6	---	8.8	36	71	4418	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- \* as engraved on the specimens (if any)
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**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