



**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.

5508 & 5517  
 Dr. M. Mazhar

**To:** JR Private Limited  
 Cavalry Ground Ext. Lahore Cantt.

**Project:** Construction of Warehouse & Cold Store at Faisalabad Fiedmc.

**Our Ref. No.** CL/CED/ 2322

**Dated:** 12-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 10-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT

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

**Specimens received on:** 10-07-23 **Tested on:** 10-07-23 **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	Footings (3750 Psi)	13	6	2023	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
2	Footings (3750 Psi)	13	6	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	Footings (3750 Psi)	14	6	2023	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
4	Footings (3750 Psi)	14	6	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
5	Footings (3750 Psi)	15	6	2023	6Diax12	---	14	28.28	71	5624	---	Non Engraved
6	Footings (3750 Psi)	15	6	2023	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
7	Wall (3750 Psi)	19	6	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
8	Wall (3750 Psi)	19	6	2023	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
9	Wall (3750 Psi)	21	6	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
10	Wall (3750 Psi)	21	6	2023	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
11	Wall (3750 Psi)	21	6	2023	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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**ORIGINAL**  
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5519  
 Dr. M. Mazhar

**To:** Mr. Muhammad Abdul Rehman  
 Izmir Housing Society, Canal Bank Road, House No.93, Block-J, Lahore.

**Project:** Research Titled "Development of 3DCP and Mix Design"

**Our Ref. No.** CL/CED/ 2323

**Dated:** 12-07-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 11-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 11-07-23 **Tested on:** 12-07-23 **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	---	2	7	2023	6x6x6	---	8	36	63	3920	---	Non Engraved
2	---	2	7	2023	6x6x6	---	8	36	69	4293	---	Non Engraved
3	---	2	7	2023	6x6x6	---	8	36	57	3547	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" 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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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

5526  
 Dr. Aqsa

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore

Our Ref. No. CL/CED/ 2324

Dated: 12-07-23

Test Specification

Your Ref. No. HMBDPL/S.O/05/23/51th (Lhr)

Dated: 12-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **12/07/2023** Tested on: **12-07-23** 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	C-09 (6000 Psi)	10	6	2023	6Diax12	---	14.2	28.28	76	6020	---	Non Engraved
2	C-09 (6000 Psi)	10	6	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
3	C-09 (6000 Psi)	10	6	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: 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

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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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5511  
 Dr. M. Mazhar

To: Engr. Muhammad Umar  
 E&dc Associates

Project: Construction of House Officers Hostel at CKMC, Kharian Cantt.

Our Ref. No. CL/CED/ 2325

Dated: 12-07-23

Test Specification

Your Ref. No. E&dc-080/12

Dated: 10-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **11/07/2023** Tested on: **12-07-23** 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	FF Col. Add. Girls Hostel (3000 Psi)	18	5	2023	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
2	FF Col. Add. Girls Hostel (3000 Psi)	18	5	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	FF Col. Add. Girls Hostel (3000 Psi)	18	5	2023	6Diax12	---	13.2	28.28	47	3723	---	Engraved
4	FF slab Add. Girls Hostel (3000 Psi)	25	6	2023	6Diax12	---	13.4	28.28	39	3089	---	Engraved
5	FF slab Add. Girls Hostel (3000 Psi)	25	6	2023	6Diax12	---	14	28.28	43	3406	---	Engraved
6	FF slab Add. Girls Hostel (3000 Psi)	25	6	2023	6Diax12	---	14	28.28	57	4515	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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5493  
 Dr. M. Mazhar

**To:** Mr. Muhammad Irfan  
 Material Engineer, Banu Mukhtar Contracting Pvt. Ltd.

**Project:** Burj-1 by Ajwa Builders (Main Building Ground Floor)

**Our Ref. No.** CL/CED/ 2326

**Dated:** 12-07-23

**Test Specification**

**Your Ref. No.** DOC-BMC/AJWA/083

**Dated:** 03-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 7/07/2023 **Tested on:** 12-07-23 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	Col. #04 Grids# E/8,9 & H/8,9	3	6	2023	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	Col. #04 Grids# E/8,9 & H/8,9	3	6	2023	6Diax12	---	14.2	28.28	86	6812	---	Non Engraved
3	Col. #04 Grids# E/8,9 & H/8,9	3	6	2023	6Diax12	---	13.8	28.28	112	8871	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

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5493  
 Dr. M. Mazhar

To: Mr. Muhammad Irfan  
 Material Engineer, Banu Mukhtar Contracting Pvt. Ltd.

Project: Burj-1 by Ajwa Builders (Main Building Ground Floor)

Our Ref. No. CL/CED/ 2327

Dated: 12-07-23

Test Specification

Your Ref. No. DOC-BMC/AJWA/084

Dated: 05-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **7/07/2023** Tested on: **12-07-23** 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	Col. #02 Grids# F/8, G/8	5	6	2023	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved
2	Col. #02 Grids# F/8, G/8	5	6	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Col. #02 Grids# F/8, G/8	5	6	2023	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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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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5504  
 Dr. M. Mazhar

To: Meezan Developers  
 Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jami tur Rasheed Lahore Campus

Our Ref. No. CL/CED/ 2328

Dated: 12-07-23

Test Specification

Your Ref. No. Nil

Dated: 10-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 10/07/2023 Tested on: 12-07-23 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	C-5	14	5	2023	6Diax12	---	13.4	28.28	57	4515	---	Engraved
2	C-5	14	5	2023	6Diax12	---	12.4	28.28	47	3723	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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5504  
 Dr. M. Mazhar

To: Meezan Developers  
 Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jami tur Rasheed Lahore Campus

Our Ref. No. CL/CED/ 2329

Dated: 12-07-23

Test Specification

Your Ref. No. Nil

Dated: 10-07-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 10/07/2023 Tested on: 12-07-23 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	C-1	13	5	2023	6Diax12	---	13.4	28.28	53	4198	---	Engraved
2	C-1	13	5	2023	6Diax12	---	13.4	28.28	45	3564	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory





**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.

5512  
 Dr. M. Mazhar

**To:** Mr. Muhammad Haider  
 Resident Engineer

**Project:** Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University located at Sargodha

**Our Ref. No.** CL/CED/ 2330

**Dated:** 12-07-23

**Test Specification**

**Your Ref. No.** VISP/RC/SRG-10

**Dated:** 06-07-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 11/07/2023 **Tested on:** 12-07-23 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	(3750 Psi)	8	6	2023	6x6x6	---	8.6	36	90	5600	---	Engraved
2	(3750 Psi)	8	6	2023	6x6x6	---	8.6	36	70	4356	---	Engraved
3	(3750 Psi)	10	6	2023	6x6x6	---	8.4	36	65	4044	---	Engraved
4	(3750 Psi)	10	6	2023	6x6x6	---	8.6	36	65	4044	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**