



**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.

6018  
 Dr. M. Yousaf

**To:** (Assistant Engineer), UET Narowal.  
 Office of the Project Director, University of Engineering & Technology, Lahore. (Narowal Campus)

**Project:** Construction of Walkway at UET Lahore, Narowal Campus.

**Our Ref. No.** CL/CED/ 3127-2 of 2

**Dated:** 13-10-23

**Test Specification**

**Your Ref. No.** Uni/NRL/PD/1218

**Dated:** 27-09-23

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 04-10-23 **Tested on:** 13-10-23 **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	---	---	---	6x6x6	---	8.2	36	82	5102	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	8.4	36	95	5911	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	8.4	36	92	5724	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Nil

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



# 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.

6033  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/4 Zone #02)

Our Ref. No. CL/CED/ 3189

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/115

Dated: 09-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-23 Tested on: 13/10/2023 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	Shear W. Grids # C-D/9 (6000 Psi)	12	9	2023	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	Shear W. Grids # C-D/9 (6000 Psi)	12	9	2023	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
3	Shear W. Grids # C-D/9 (6000 Psi)	12	9	2023	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

**ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

6033  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/4 Zone #02)

Our Ref. No. CL/CED/ 3190

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/115

Dated: 09-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-23 Tested on: 13/10/2023 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	Shear Wall Grids # C-D/9 (6000 Psi)	8	9	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	Shear Wall Grids # C-D/9 (6000 Psi)	8	9	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	Shear Wall Grids # C-D/9 (6000 Psi)	8	9	2023	6Diax12	---	14	28.28	60	4752	---	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-reports/>

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

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Director/Dy. Director Concrete Laboratory



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## Civil Engineering Department

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

**ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

6033  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/4 Zone & 01, Zone #02), (Columns # 02 & 02, Grids # C-D/8 & C/6, E/6)

Our Ref. No. CL/CED/ 3191

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/116

Dated: 09-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-10-23 Tested on: 13/10/2023 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	6000 Psi	9	9	2023	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
2	6000 Psi	9	9	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	6000 Psi	9	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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



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## Civil Engineering Department

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**ORIGINAL**

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5994

Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/1 Zone #02)

Our Ref. No. CL/CED/ 3192

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/113

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-10-23 Tested on: 13/10/2023 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	Shear Wall Grids # F-G/9 (6000 Psi)	3	9	2023	6Diax12	---	14.2	28.28	125	9901	---	Non Engraved
2	Shear Wall Grids # F-G/9 (6000 Psi)	3	9	2023	6Diax12	---	13.8	28.28	95	7525	---	Non Engraved
3	Shear Wall Grids # F-G/9 (6000 Psi)	3	9	2023	6Diax12	---	14.8	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5994

Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/1 Zone #02)

Our Ref. No. CL/CED/ 3193

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/112

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-10-23 Tested on: 13/10/2023 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 # E/9, H/9 (6000 Psi)	28	8	2023	6Diax12	---	14.6	28.28	110	8713	---	Non Engraved
2	Col.#02 Grids # E/9, H/9	28	8	2023	6Diax12	---	14.8	28.28	102	8079	---	Non Engraved
3	Col.#02 Grids # E/9, H/9 (6000 Psi)	28	8	2023	6Diax12	---	14.2	28.28	122	9663	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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A carbon copy for the report has been retained in the lab for record.

5994  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/3 Zone #02), (6000 Psi)

Our Ref. No. CL/CED/ 3194

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/111

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-10-23 Tested on: 13/10/2023 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	Lift Well WallGrids#H'/5'-6'	27	8	2023	6Diax12	---	13.4	28.28	107	8475	---	Non Engraved
2	Lift Well WallGrids#H'/5'-6'	27	8	2023	6Diax12	---	14	28.28	115	9109	---	Non Engraved
3	Lift Well WallGrids#H'/5'-6'	27	8	2023	6Diax12	---	14.2	28.28	109	8634	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" 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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5994  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/1 Zone #02)

Our Ref. No. CL/CED/ 3195

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/110

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-10-23 Tested on: 13/10/2023 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	Columns#04 Grids # E-H/8 (6000 Psi)	25	8	2023	6Diax12	---	14.8	28.28	100	7921	---	Non Engraved
2	Columns#04 Grids # E-H/8 (6000 Psi)	25	8	2023	6Diax12	---	14.6	28.28	110	8713	---	Non Engraved
3	Columns#04 Grids # E-H/8 (6000 Psi)	25	8	2023	6Diax12	---	14.6	28.28	115	9109	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

5994  
Dr. Umbreen

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

Project: Burj-1 by AJWA Builders (Main Building B/4 Zone #02)

Our Ref. No. CL/CED/ 3196

Dated: 13/10/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/114

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 02-10-23 Tested on: 13/10/2023 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 Grids # A-D'/8'-10 (6000 Psi)	1	9	2023	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
2	Raft Grids # A-D'/8'-10 (6000 Psi)	1	9	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	Raft Grids # A-D'/8'-10 (6000 Psi)	1	9	2023	6Diax12	---	14.1	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6015  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Slab of 3rd Floor Bachelor Block)

Our Ref. No. CL/CED/ 3197

Dated: 13/10/2023

Test Specification

Your Ref. No. No. 3783

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-10-23 Tested on: 13/10/2023 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	3000 Psi	26	8	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	3000 Psi	26	8	2023	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
3	3000 Psi	26	8	2023	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6015  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Columns of 3rd Floor Bachelor Block)

Our Ref. No. CL/CED/ 3198

Dated: 13/10/2023

Test Specification

Your Ref. No. 3792

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-10-23 Tested on: 13/10/2023 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	22	8	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	5000 Psi	22	8	2023	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
3	5000 Psi	22	8	2023	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6015  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Shear Wall of Eight Floor Family Block)

Our Ref. No. CL/CED/ 3199

Dated: 13/10/2023

Test Specification

Your Ref. No. No. 3794

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-10-23 Tested on: 13/10/2023 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	23	8	2023	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
2	5000 Psi	23	8	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
3	5000 Psi	23	8	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6015  
Dr. Umbreen

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

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore.  
(Columns of Eight Floor Family Block)

Our Ref. No. CL/CED/ 3200

Dated: 13/10/2023

Test Specification

Your Ref. No. No. 3796

Dated: 02-10-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-10-23 Tested on: 13/10/2023 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	23	8	2023	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
2	5000 Psi	23	8	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	5000 Psi	23	8	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

6060

Dr. M. Yousaf

To: Mr. Ghulam Shabbir  
Site Manager, For Penta Build Construction Services (SMC-Private) Limited

Project: Nil

Our Ref. No. CL/CED/ 3201

Dated: 13/10/2023

Test Specification

Your Ref. No. PBCS-UET-005

Dated: 03-10-23

(BS 1881-116)

## COMPRESSION TEST REPORT



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

Specimens received on: 11-10-23 Tested on: 13/10/2023 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	---	27	9	2023	6x6x6	---	8.4	36	48	2987	---	Non Engraved
2	---	27	9	2023	6x6x6	---	8.6	36	47	2924	---	Non Engraved
3	---	27	9	2023	6x6x6	---	8.6	36	54	3360	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



# 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.

6060

Dr. M. Yousaf

To: Mr. Ghulam Shabbir  
Site Manager, For Penta Build Construction Services (SMC-Private) Limited

Project: Nil

Our Ref. No. CL/CED/ 3202

Dated: 13/10/2023

Test Specification

Your Ref. No. PBCS-UET-003

Dated: 26-09-23

(BS 1881-116)

## COMPRESSION TEST REPORT



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

Specimens received on: 11-10-23 Tested on: 13/10/2023 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	---	27	9	2023	6x6x6	---	8.6	36	52	3236	---	Non Engraved
2	---	27	9	2023	6x6x6	---	8.4	36	50	3111	---	Non Engraved
3	---	27	9	2023	6x6x6	---	8.6	36	52	3236	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



# 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.

6060

Dr. M. Yousaf

To: Mr. Ghulam Shabbir  
Site Manager, For Penta Build Construction Services (SMC-Private) Limited

Project: Nil

Our Ref. No. CL/CED/ 3203

Dated: 13/10/2023

Test Specification

Your Ref. No. PBCS-UET-004

Dated: 26/9/2023

(BS 1881-116)

## COMPRESSION TEST REPORT



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

Specimens received on: 11-10-23 Tested on: 13/10/2023 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	---	29	9	2023	6x6x6	---	8.2	36	54	3360	---	Non Engraved
2	---	29	9	2023	6x6x6	---	8.4	36	57	3547	---	Non Engraved
3	---	29	9	2023	6x6x6	---	8.6	36	48	2987	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory





**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.

6031  
 Dr. Umbreen

**To: Mr. M. Nadeem Zafar Ullah**  
 Incharge (Civil) for Managing Director, SUI Northern Gas Pipelines Limited

**Project: Construction of Office Building at Central Base Store Workshop Manga**

**Our Ref. No. CL/CED/ 3204**

**Dated: 13-10-23**

**Test Specification**

**Your Ref. No. CC/PROJ/MANGA**

**Dated: 05-10-23**

**( BS 3921\*\* )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 09-10-23    Tested on: 13/10/2023    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	S	---	---	---	8.8 x 4.2 x 2.8	---	3135	36.96	44	2667	---	---
2	S	---	---	---	8.6 x 4.1 x 2.8	---	3015	35.26	48	3049	---	---
3	S	---	---	---	8.7 x 4.2 x 2.8	---	2995	36.54	42	2575	---	---
4	S	---	---	---	8.8 x 4.2 x 2.9	---	3250	36.96	48	2909	---	---
5	S	---	---	---	8.6 x 4.3 x 2.9	---	3230	36.98	42	2544	---	---
6	S	---	---	---	8.6 x 4.1 x 2.9	---	3040	35.26	46	2922	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



**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.

6000  
 Dr. Umbreen

To: Engr. Muhammad Waqas  
 Project Engineer, DESIGN MATRIX

Project: Nil

Our Ref. No. CL/CED/ 3205

Dated: 13/10/2023

Test Specification

Your Ref. No. DM/LC-1

Dated: 03-10-23

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 03-10-23 Tested on: 13/10/2023 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	7SS	---	---	---	8.9 x 4.3 x 3	3775	3305	38.27	44	2575	14.22	---
2	7SS	---	---	---	8.8 x 4.4 x 3.1	3860	3340	38.72	36	2083	15.57	---
3	7SS	---	---	---	8.5 x 4.1 x 3	3510	3265	34.85	42	2700	7.5	---
4	7SS	---	---	---	8.8 x 4.3 x 3	3945	3515	37.84	40	2368	12.23	---
5	7SS	---	---	---	9 x 4.3 x 3.1	3935	3500	38.7	34	1968	12.43	---
6	7SS	---	---	---	9 x 4.4 x 3	3950	3460	39.6	38	2149	14.16	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**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.

5988  
 Dr. Umbreen

**To:** Engr. Zail-UI-Abidin Khan  
 Resident Engineer, Pakistan Environmental Planning & Architectural Consultants Limited  
 Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate District Kasur, Package-S  
 Our Ref. No. CL/CED/ 3206      Dated: 13/10/2023  
 Your Ref. No. RE/PEPAC/Sunder/S-08      Dated: 07-09-23

Test Specification  
 (----)

## COMPRESSION TEST REPORT



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

Specimens received on: 28/9/2023 Tested on: 13/10/2023 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	95	---	---	---	8.6 x 4.3 x 3	3720	3315	36.98	44	2665	12.22	---
2	95	---	---	---	8.8 x 4.2 x 3	3650	3210	36.96	32	1939	13.71	---
3	95	---	---	---	8.9 x 4.3 x 3	3880	3375	38.27	36	2107	14.96	---
4	RNC	---	---	---	8.8 x 4.3 x 3	3700	3290	37.84	50	2960	12.46	---
5	RNC	---	---	---	8.8 x 4.2 x 2.9	3555	3210	36.96	52	3152	10.75	---
6	RNC	---	---	---	8.4 x 4.1 x 2.8	3395	3135	34.44	46	2992	8.29	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**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.

5953  
 Dr. Umbreen

**To:** Engr. Saquib Akram  
 Resident Engineer, NESPAK, Shalimar Sports Complex, Lahore

**Project:** Establishment of Sports Complex at Shalimar (LDP), NA-130

**Our Ref. No. CL/CED/ 3207**

**Dated: 13/10/2023**

**Test Specification**

**Your Ref. No. 3772/103/NA-130/RE/05/26**

**Dated: 14/9/2023**

**( BS 3921\*\* )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 22/9/2023 **Tested on:** 13/10/2023 **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	R.B	---	---	---	8.8 x 4.3 x 3	3820	3455	37.84	38	2249	10.56	---
2	R.B	---	---	---	9 x 4.2 x 3.1	3965	3615	37.8	46	2726	9.68	---
3	R.B	---	---	---	9 x 4.4 x 3	3960	3515	39.6	36	2036	12.66	---
4	R.B	---	---	---	8.9 x 4.3 x 3	3985	3595	38.27	44	2575	10.85	---
5	R.B	---	---	---	8.8 x 4.3 x 3	3915	3525	37.84	46	2723	11.06	---
6	T.F	---	---	---	9 x 4.3 x 3.2	3995	3600	38.7	44	2547	10.97	---
7	T.F	---	---	---	9 x 4.3 x 3.1	3995	3555	38.7	36	2084	12.38	---
8	T.F	---	---	---	9 x 4.4 x 3.2	4125	3715	39.6	40	2263	11.04	---
9	T.F	---	---	---	9 x 4.3 x 3.1	4035	3610	38.7	44	2547	11.77	---
10	T.F	---	---	---	9 x 4.4 x 3	3925	3490	39.6	42	2376	12.46	---
11	A.T	---	---	---	8.7 x 4.2 x 3	3680	3335	36.54	44	2697	10.34	---
12	A.T	---	---	---	8.5 x 4.3 x 3	3665	3255	36.55	40	2451	12.6	---
13	A.T	---	---	---	8.8 x 4.2 x 2.9	3510	3145	36.96	48	2909	11.61	---
14	A.T	---	---	---	8.7 x 4.3 x 3	3685	3275	37.41	46	2754	12.52	---
15	A.T	---	---	---	8.6 x 4.2 x 3	3635	3270	36.12	40	2481	11.16	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



**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.

6024  
 Dr. Umbreen

**To:** Hussain Construction Company, Residential & Commercial Builders  
 DHA Phase-8, Broadway, Lahore.

**Project:** Construction of Allied School CMH Medical and Dental College Lahore

**Our Ref. No. CL/CED/ 3208**

**Dated: 13/10/2023**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 06-10-23**

**(----)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 06-10-23 **Tested on:** 13/10/2023 **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	PK	---	---	---	8.8 x 4.3 x 3	---	3315	37.84	42	2486	---	---
2	PK	---	---	---	8.8 x 4.2 x 3	---	3370	36.96	44	2667	---	---
3	PK	---	---	---	8.8 x 4.2 x 3	---	3365	36.96	43	2606	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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**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.

6040  
 Dr. Umbreen

To: Mr. Nasir Abbas  
 Mian Meer Colony, Lahore Cantt. District Lahore.

Project: Nil

Our Ref. No. CL/CED/ 3209

Dated: 13/10/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

## COMPRESSION TEST REPORT



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

Specimens received on: 10-10-23    Tested on: 13/10/2023    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	S	---	---	---	9 x 4.3 x 2.9	3820	3175	38.7	38	2199	20.31	Used Sample
2	S	---	---	---	8.9 x 4.3 x 3	3820	3400	38.27	34	1990	12.35	Used Sample
3	S	---	---	---	8.8 x 4.2 x 2.9	3475	3085	36.96	38	2303	12.64	Used Sample
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



**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.

6059  
 Dr. M. Yousaf

**To:** Deputy Director (Technical)  
 Anti-Corruption Establishment, Multan Region, Multan

**Project:** Testing of Material in Connection with Enq. No. 66/23, ACE Multan. Widening / Improvement of Road from Lodhran to Jalalpur Pir Wala Connecting KLM Via Bahadur Pur L = 39.80 Km, Distt. Lodhran.

**Our Ref. No.** CL/CED/ 3210

**Dated:** 13-10-23

**Test Specification**

**Your Ref. No.** ACE.MR-(Enq.-66)/23/6949

**Dated:** 05-10-23

( ---- )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 11-10-23 **Tested on:** 13-10-23 **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	---	---	---	6 x 6 x 5.9	---	8.2	36	99	6160	---	Cut Cube
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\*\* 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**