



**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.

6647  
 D. M. Yousaf

To: Mr. Muhammad Arif  
 CM, For Thaheem Construction Company

Project: Sapphire Textile Mill-Unit-7 at Feroze Wattwan, Sheikhpura.

Our Ref. No. CL/CED/ 4121

Dated: 01-02-24

Test Specification

Your Ref. No. TCC/UET/704

Dated: 31-01-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 31-01-24      Tested on: 01-02-24      in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3720	29.64	85	6424	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3695	29.64	97	7331	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3665	29.64	58	4383	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3725	29.64	99	7482	---	---
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



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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.

6629  
 Dr. Ubaid

To: Mr. Omair Sadiq  
 Project Manager, One Liberty Mall and H&S Hotel, Lahore.

Project: Construction of One Liberty Mall and H&S Hotel, Noor Jahan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 4122

Dated: 01-02-24

Test Specification

Your Ref. No. OL/OS/2024/02

Dated: 29-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 29-01-24    Tested on: 01-02-24    in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Lift Walls, Basement. II to I	31	12	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Complete Roof Top Slab	24	12	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	Complete Roof Top Slab	24	12	2023	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
4	Lift Walls, Basement. III to II	20	12	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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.

6597  
Dr. Umbreen

To: Mr. Waqas Ali  
Variant, 25-t-Gulberg II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4123

Dated: 01-02-24

Test Specification

Your Ref. No. VA/29/138

Dated: 23-01-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 24-01-24 Tested on: 01-02-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	6th Floor Slab Pour 1	19	12	2023	6Diax12	---	14.6	28.28	74	5861	---	Non Engraved
2	6th Floor Slab Pour 1	19	12	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	6th Floor Slab Pour 1	19	12	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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



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

6650  
 Dr. Umbreen

To: Mr. Waqas Ali  
 Variant, 25-t-Gulberg II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4124

Dated: 01-02-24

Test Specification

Your Ref. No. VA/29/135

Dated: 31-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	6th Floor Lift Wall C1-12	4	12	2023	6Diax12	---	14	28.28	115	9109	---	Non Engraved
2	6th Floor Lift Wall C1-12	4	12	2023	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	6th Floor Lift Wall C1-12	4	12	2023	6Diax12	---	14	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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



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ORIGINAL  
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6650  
 Dr. Umbreen

To: Mr. Waqas Ali  
 Variant, 25-t-Gulberg II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4125

Dated: 01-02-24

Test Specification

Your Ref. No. VA/29/136

Dated: 31-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	6th Floor Column	8	12	2023	6Diax12	---	15	28.28	92	7287	---	Non Engraved
2	6th Floor Column	8	12	2023	6Diax12	---	14	28.28	84	6653	---	Non Engraved
3	6th Floor Column	8	12	2023	6Diax12	---	14	28.28	113	8950	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL  
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6633  
 Dr. Ubaid

**To: Engineer's Representatives**  
 Metroplan-Asian JV, Site Office JIC-JHL, Lahore. (M/S CCECC-Salman (JV))

**Project: Establishment of Jinnah Institute of Cardiology at Jinnah Hospital Lahore.**

**Our Ref. No. CL/CED/ 4126**

**Dated: 01-02-24**

**Test Specification**

**Your Ref. No. Metroplan-Asian JV ET-JHL-RE-119-2024**

**Dated: 29-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 30-01-24    Tested on: 01-02-24    in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	6000 Psi	19	1	2024	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
2	6000 Psi	19	1	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
3	6000 Psi	19	1	2024	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
4	4000 Psi	19	1	2024	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
5	4000 Psi	19	1	2024	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
6	4000 Psi	19	1	2024	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: AM IDAP, M.I Asian, ME.CCECC**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

6642  
 Dr. Ubaid

**To: Engineer's Representatives**  
 Metroplan-Asian JV, Site Office JIC-JHL, Lahore. (M/S CCECC-Salman (JV))

**Project: Establishment of Jinnah Institute of Cardiology at Jinnah Hospital Lahore.**

**Our Ref. No. CL/CED/ 4127**

**Dated: 01-02-24**

**Test Specification**

**Your Ref. No. Metroplan-Asian JV ET-JHL-RE-122-2024**

**Dated: 30-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 30-01-24    Tested on: 01-02-24    in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	20	1	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
2	3000 Psi	20	1	2024	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
3	3000 Psi	20	1	2024	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: AM IDAP, M.I Asian**

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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- 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.

6644  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Gujranwala Drainage Sub Division Gujranwala.

**Project:** Flood Projection of Kamoke and Adjoining Areas.

**Our Ref. No.** CL/CED/ 4128

**Dated:** 01-02-24

**Test Specification**

**Your Ref. No.** No.381/1-A

**Dated:** 27-11-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 30-01-24 **Tested on:** 01-02-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Bed in Panel #38-40(1:1.5:3)	11	11	2023	6x6x6	---	8.4	36	46	2862	---	Non Engraved
2	Bed+wall in Panel #42-38(1:1.5:3)	12	11	2023	6x6x6	---	7.8	36	52	3236	---	Non Engraved
3	Bed in Panel #37-49(1:1.5:3)	14	11	2023	6x6x6	---	7.6	36	46	2862	---	Non Engraved
4	Bed+wall in Panel #39-37(1:1.5:3)	15	11	2023	6x6x6	---	8	36	52	3236	---	Non Engraved
5	Bed+wall in Panel #41-39(1:1.5:3)	16	11	2023	6x6x6	---	7.6	36	60	3733	---	Non Engraved
6	Bed+wall in Panel #44-41(1:1.5:3)	18	11	2023	6x6x6	---	7.6	36	64	3982	---	Non Engraved
7	Bed+wall in Panel #44-43(1:1.5:3)	19	11	2023	6x6x6	---	7.6	36	46	2862	---	Non Engraved
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-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.

6644  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Gujranwala Drainage Sub Division Gujranwala.

**Project:** Flood Projection of Kamoke and Adjoining Areas.

**Our Ref. No. CL/CED/ 4129**

**Dated: 01-02-24**

**Test Specification**

**Your Ref. No. No.386/1-A**

**Dated: 18-12-23**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 30-01-24 **Tested on:** 01-02-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Walls in Pannel #43-45(1:1.5:3)	21	11	2023	6x6x6	---	7.6	36	54	3360	---	Non Engraved
2	Bed in Pannel #46(1:1.5:3)	25	11	2023	6x6x6	---	8	36	32	1991	---	Non Engraved
3	Bed+wall in Panel #45-46(1:1.5:3)	26	11	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
4	Bed+wall in Panel #57-59(1:1.5:3)	2	12	2023	6x6x6	---	7.8	36	48	2987	---	Non Engraved
5	Bed+wall in Panel #53-58(1:1.5:3)	3	12	2023	6x6x6	---	8	36	50	3111	---	Non Engraved
6	Bed+wall in Panel #52-51(1:1.5:3)	4	12	2023	6x6x6	---	8	36	51	3173	---	Non Engraved
7	Wall in Panel #53-40(1:1.5:3)	5	12	2023	6x6x6	---	7.8	36	34	2116	---	Non Engraved
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-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.

6644  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Gujranwala Drainage Sub Division Gujranwala.

**Project:** Flood Projection of Kamoke and Adjoining Areas.

**Our Ref. No. CL/CED/ 4130**

**Dated: 01-02-24**

**Test Specification**

**Your Ref. No. No.389/1-A**

**Dated: 29-12-23**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 30-01-24 **Tested on:** 01-02-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Bed+wall in Panel #58-55(1:1.5:3)	6	12	2023	6x6x6	---	8	36	49	3049	---	Non Engraved
2	Bed+wall in Panel #56-52(1:1.5:3)	7	12	2023	6x6x6	---	8	36	34	2116	---	Non Engraved
3	Wall in Panel #55-59(1:1.5:3)	9	12	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
4	Bed+wall in Panel #56-54(1:1.5:3)	10	12	2023	6x6x6	---	7.6	36	40	2489	---	Non Engraved
5	Bed+wall in Panel #54-60(1:1.5:3)	12	12	2023	6x6x6	---	8	36	58	3609	---	Non Engraved
6	Bed+wall in Panel #60-61(1:1.5:3)	13	12	2023	6x6x6	---	8	36	44	2738	---	Non Engraved
7	Bed in Panel #47-48(1:1.5:3)	19	12	2023	6x6x6	---	7.6	36	50	3111	---	Non Engraved
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-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**  
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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.

6644  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Gujranwala Drainage Sub Division Gujranwala.

**Project:** Flood Projection of Kamoke and Adjoining Areas.

**Our Ref. No. CL/CED/ 4131**

**Dated: 01-02-24**

**Test Specification**

**Your Ref. No. No.400/1-A**

**Dated: 12-01-24**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 30-01-24 **Tested on:** 01-02-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Wall in Panel #47-48(1:1.5:3)	20	12	2023	6x6x6	---	7.6	36	42	2613	---	Non Engraved
2	Wall in Panel #49-61(1:1.5:3)	27	12	2023	6x6x6	---	7.8	36	48	2987	---	Non Engraved
3	Bed in Panel #62-61(1:1.5:3)	28	12	2023	6x6x6	---	7.8	36	28	1742	---	Non Engraved
4	Wall in Panel #62-63(1:1.5:3)	30	12	2023	6x6x6	---	8.2	36	38	2364	---	Non Engraved
5	Bed+wall in Panel #64-61(1:1.5:3)	1	2	2024	6x6x6	---	8	36	44	2738	---	Non Engraved
6	Bed in Panel #63-65(1:1.5:3)	2	2	2024	6x6x6	---	7.8	36	50	3111	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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-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.

6606  
 Dr. M. Yousaf

**To: Mr. M. Usman Rauf**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division.  
 Project: Rehabilitation of PCC Street Ch. Ashraf Wali. Sattar Colony, Near Allah Hu Darbar (Ravi Zone) MCL Projects  
 Our Ref. No. CL/CED/ 4132      Dated: 01-02-24  
 Your Ref. No. 4084/103/MUR/104/1154      Dated: 22-01-24

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

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25-01-24      Tested on: 01-02-24      in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	21	12	2023	6x6x6	---	8.2	36	96	5973	---	Non Engraved
2	---	21	12	2023	6x6x6	---	8.2	36	99	6160	---	Non Engraved
3	---	21	12	2023	6x6x6	---	8.2	36	95	5911	---	Non 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-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.

6606  
 Dr. M. Yousaf

**To: Mr. M. Usman Rauf**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division.  
 Project: Rehabilitation of PCC Street Ch. Ashraf Wali. Sattar Colony, Near Allah Hu Darbar (Ravi Zone) MCL Projects  
 Our Ref. No. CL/CED/ 4133      Dated: 01-02-24  
 Your Ref. No. 4084/103/MUR/104/1155      Dated: 22-01-24

Test Specification  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 25-01-24      Tested on: 01-02-24      in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	M	---	---	---	8.8 x 4.3 x 2.9	3660	3280	37.84	47	2782	11.59	---
2	M	---	---	---	8.9 x 4.3 x 3	3755	3320	38.27	44	2575	13.1	---
3	M	---	---	---	8.8 x 4.4 x 3	3650	3225	38.72	34	1967	13.18	---
4	M	---	---	---	9 x 4.3 x 3	3850	3365	38.7	50	2894	14.41	---
5	M	---	---	---	8.9 x 4.3 x 3	3770	3335	38.27	50	2927	13.04	---
6	M	---	---	---	8.9 x 4.3 x 2.9	3715	3275	38.27	52	3044	13.44	---
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.

6611  
 Dr. Umbreen

To: Mr. Javed Khurshid  
 Rewaz Garden, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4134

Dated: 01-02-24

Test Specification

Your Ref. No. Nil

Dated: Nil

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 26-01-24      Tested on: 01-02-24      in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	S	---	---	---	8.8 x 4.3 x 2.9	3310	2790	37.84	40	2368	18.64	---
2	S	---	---	---	8.8 x 4.3 x 2.9	3250	2810	37.84	48	2841	15.66	---
3	7UP	---	---	---	8.9 x 4.4 x 3.1	3810	3380	39.16	49	2803	12.72	---
4	7UP	---	---	---	9 x 4.3 x 3.1	3845	3355	38.7	52	3010	14.61	---
5	7UP	---	---	---	8.8 x 4.4 x 3	3810	3390	38.72	54	3124	12.39	---
6	7UP	---	---	---	8.9 x 4.4 x 3	3805	3310	39.16	52	2974	14.95	---
7	AB	---	---	---	9 x 4.4 x 3	3740	3310	39.6	48	2715	12.99	---
8	AB	---	---	---	9 x 4.4 x 3	3860	3485	39.6	52	2941	10.76	---
9	No.01	---	---	---	9.1 x 4.5 x 3.1	4070	3510	40.95	42	2297	15.95	---
10	N0.01	---	---	---	9 x 4.5 x 3.1	3870	3355	40.5	44	2434	15.35	---
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.

6645  
 Dr. Umbreen

To: Sub Divisional Officer  
 Building Sub Division No.2, Lahore.

Project: Implement of Master Plan of Safari Zoo Lahore. (Group No.2)

Our Ref. No. CL/CED/ 4135

Dated: 01-02-24

Test Specification

Your Ref. No. No.24

Dated: 29-01-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3670	29.64	105	7935	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3660	29.64	87	6575	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3705	29.64	109	8238	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3645	29.64	103	7784	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3625	29.64	99	7482	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3645	29.64	105	7935	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3725	29.64	115	8691	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3590	29.64	123	9296	---	---
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3625	29.64	125	9447	---	---
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3680	29.64	107	8086	---	---
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3615	29.64	130	9825	---	---
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3635	29.64	130	9825	---	---
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

- 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