



**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.

6588  
 Dr. Ubaid

**To:** Mr. Muhammad Sohail Anjum  
 Project Manager, MS IT Tower, Lahore.

**Project:** Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

**Our Ref. No. CL/CED/ 4060**

**Dated: 25-01-24**

**Test Specification**

**Your Ref. No. MSITT/UET/2024/C-006**

**Dated: 22-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 23-01-24 **Tested on:** 25-01-24 **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 (1960 Psi)	12	1	2024	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
2	23 (1960 Psi)	12	1	2024	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
3	25 (1960 Psi)	12	1	2024	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
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" 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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 Dr. Ubaid

**To:** Mr. Muhammad Sohail Anjum  
 Project Manager, MS IT Tower, Lahore.

**Project:** Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

**Our Ref. No. CL/CED/** 4061

**Dated:** 25-01-24

**Test Specification**

**Your Ref. No.** MSITT/UET/2024/C-008

**Dated:** 22-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

**Specimens received on:** 23-01-24 **Tested on:** 25-01-24 **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	30 (1960 Psi)	16	1	2024	6Diax12	---	13	28.28	17	1347	---	Engraved
2	32 (1960 Psi)	16	1	2024	6Diax12	---	13.4	28.28	15	1188	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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## 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.

6588  
Dr. Ubaid

To: Mr. Muhammad Sohail Anjum  
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 4062

Dated: 25-01-24

Test Specification

Your Ref. No. MSITT/UET/2024/C-007

Dated: 22-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 23-01-24 Tested on: 25-01-24 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	16 (5000 Psi)	26	12	2023	6Diax12	---	14.2	28.28	57	4515	---	Engraved
2	17 (5000 Psi)	26	12	2023	6Diax12	---	14	28.28	64	5069	---	Engraved
3	19 (5000 Psi)	26	12	2023	6Diax12	---	14	28.28	64	5069	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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## Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
A carbon copy for the report has been retained in the lab for record.

6588  
Dr. Ubaid

To: Mr. Muhammad Sohail Anjum  
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 4063

Dated: 25-01-24

Test Specification

Your Ref. No. MSITT/UET/2024/C-005

Dated: 22-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 23-01-24 Tested on: 25-01-24 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	11 (3000 Psi)	23	12	2023	6Diax12	---	13.6	28.28	40	3168	---	Engraved
2	12 (3000 Psi)	23	12	2023	6Diax12	---	13.2	28.28	43	3406	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Dr. Ubaid

To: Mr. Muhammad Sohail Anjum  
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 4064

Dated: 25-01-24

Test Specification

Your Ref. No. MSITT/UET/2024/C-009

Dated: 22-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 23-01-24 Tested on: 25-01-24 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	38 (1960 Psi)	17	1	2024	6Diax12	---	13	28.28	12	950	---	Engraved
2	36 (1960 Psi)	17	1	2024	6Diax12	---	12.2	28.28	15	1188	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- \* as engraved on the specimens (if any)
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6568  
 Dr. Ubaid

**To: Mr. M Faisal Bhatti**  
 Construction Manager, Ittefaq Building Solutions (Pvt) Ltd.

**Project: Construction of Mr. Chughtai House Residence at Plot # 74 Muneer Road Cantt. Lahore.**

**Our Ref. No. CL/CED/ 4065**

**Dated: 25-01-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 19-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 19-01-24    Tested on: 25-01-24    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	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
2	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12	---	13.6	28.28	41	3248	---	Non Engraved
3	Ali House, Retain. Wall (4000 Psi)	2	1	2024	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Nil**

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**Director/Dy. Director Concrete Laboratory**