



**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.

6674  
 Dr. M. Yousaf

To: Mr. Waqas Munir  
 Admin Manager, Zimbis Knitwears (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 4150

Dated: 12-02-24

Test Specification

Your Ref. No. Nil

Dated: 12-02-24

(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	---	28	1	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	---	28	1	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
3	---	28	1	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
4	---	28	1	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Mudassar Mehboob, Mr. Aslam

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**  
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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.

6636  
 Dr. M. Yousaf

**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/** 4151

**Dated:** 12-02-24

**Test Specification**

**Your Ref. No.** MSITT/UET/2024/C-011

**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:** 12-02-24 **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	43 (5000 Psi)	22	1	2024	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	44 (5000 Psi)	22	1	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	46 (5000 Psi)	22	1	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-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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6646  
 Dr. M. Yousaf

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

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

**Our Ref. No. CL/CED/ 4152**

**Dated: 12-02-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 31-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 31-01-24    Tested on: 12-02-24    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	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12	---	14	28.28	62	4911	---	Engraved
2	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12	---	13.4	28.28	62	4911	---	Engraved
3	Omar House, Raft (4000 Psi)	27	12	2023	6Diax12	---	13.2	28.28	68	5386	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Nil**

**Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-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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6646  
Dr. M. Yousaf

To: M. Faisal Bhatti  
Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

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

Our Ref. No. CL/CED/ 4153

Dated: 12-02-24

Test Specification

Your Ref. No. Nil

Dated: 31-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31-01-24 Tested on: 12-02-24 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	Ali House, Column (4000 Psi)	16	1	2024	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
2	Ali House, Column (4000 Psi)	16	1	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
3	Ali House, Column (4000 Psi)	16	1	2024	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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6646  
Dr. M. Yousaf

To: M. Faisal Bhatti  
Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

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

Our Ref. No. CL/CED/ 4154

Dated: 12-02-24

Test Specification

Your Ref. No. Nil

Dated: 31-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31-01-24 Tested on: 12-02-24 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	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
3	Ali House, R-Wall (4000 Psi)	2	1	2024	6Diax12	---	13	28.28	46	3644	---	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/>

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Dr. M. Yousaf

To: M. Faisal Bhatti  
Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

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

Our Ref. No. CL/CED/ 4155

Dated: 12-02-24

Test Specification

Your Ref. No. Nil

Dated: 31-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 31-01-24 Tested on: 12-02-24 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	Omar House, R-Wall (4000 Psi)	17	1	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	Omar House, R-Wall (4000 Psi)	17	1	2024	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
3	Omar House, R-Wall (4000 Psi)	17	1	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

6640  
 Dr. M. Yousaf

**To: Mr. M. Usman Rauf**  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.  
 Project: Rehabilitation of Road from Kot Radha Kishan to Kasur Length = 31.00 Km (Phase-I 0.00 to 24.00 Length = 24.00 Km) in District Kasur. (C&W Projects)  
 Our Ref. No. CL/CED/ 4156      Dated: 12-02-24  
 Your Ref. No. 3811/103/MUR/104/1131      Dated: 17-01-24

**Test Specification**  
 (ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **30-01-24** Tested on: **12-02-24** 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	RCC PILE/ PILE CAP	2	1	2024	6Diax12	---	13	28.28	85	6733	---	Non Engraved
2	RCC PILE/ PILE CAP	2	1	2024	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
3	RCC PILE/ PILE CAP	2	1	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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6640  
 Dr. M. Yousaf

**To: Mr. M. Usman Rauf**  
 Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.  
 Project: Rehabilitation of Road from Kot Radha Kishan to Kasur Length = 31.00 Km (Phase-I 0.00 to 24.00 Length = 24.00 Km) in District Kasur. (C&W Projects)  
 Our Ref. No. CL/CED/ 4157      Dated: 12-02-24  
 Your Ref. No. 3811/103/MUR/104/1130      Dated: 17-01-24

Test Specification  
 (ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-01-24 Tested on: 12-02-24 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	Girders	2	1	2024	6Diax12	---	13	28.28	83	6574	---	Non Engraved
2	Girders	2	1	2024	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
3	Girders	2	1	2024	6Diax12	---	13.4	28.28	66	5228	---	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" 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