



**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.

6374  
 Dr. M. Mazhar

To: Mr. Zeeshan Saddique  
 Equal Marketing Pvt. Ltd.

Project: Construction of Plaza at CA-35,36,37 Fazaia Housing Society Lahore.

Our Ref. No. CL/CED/ 3718

Dated: 13-12-23

Test Specification

Your Ref. No. Nil

Dated: 12-12-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 12-12-23      Tested on: 13-12-23      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	Raft Foundation (1:2:4)	27	11	2023	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	Raft Foundation (1:2:4)	27	11	2023	6Diax12	---	14.6	28.28	42	3327	---	Non Engraved
3	Raft Foundation (1:2:4)	27	11	2023	6Diax12	---	14.6	28.28	44	3485	---	Non Engraved
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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



# 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.

6370

Dr. M. Mazhar

To: Mr. Muhammad Nadeem Akram  
Site Engineer, Ortho Hospital; SAB Constructions Engineers & Contractors

Project: Construction of Ortho Hospital, 96-B Hali Road, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 3719

Dated: 13/12/2023

Test Specification

Your Ref. No. SAB/ORT/LT/0019

Dated: 12-12-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 12/12/2023 Tested on: 13/12/2023 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	7th & 8th Floor Slab (3000 Psi)	26	9	2023	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	7th & 8th Floor Slab (3000 Psi)	26	9	2023	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
3	7th & 8th Floor Slab (3000 Psi)	26	9	2023	6Diax12	---	14	28.28	32	2535	---	Non Engraved
4	7th & 8th Floor Slab (3000 Psi)	10	10	2023	6Diax12	---	13.2	28.28	28	2218	---	Non Engraved
5	7th & 8th Floor Slab (3000 Psi)	10	10	2023	6Diax12	---	14.2	28.28	32	2535	---	Non Engraved
6	7th & 8th Floor Slab (3000 Psi)	10	10	2023	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6371  
Dr. M. Mazhar

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (B1 Columns N, M, J/4 M, J, H/2)

Our Ref. No. CL/CED/ 3720

Dated: 13/12/2023

Test Specification

Your Ref. No. HMBDPL/S.O/12/23/76th (LHR)

Dated: 12-11-23

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 12/12/2023 Tested on: 13/12/2023 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	CT-58 (6000 Psi)	12	11	2023	6Diax12	---	15	28.28	89	7050	---	Non Engraved
2	CT-58 (6000 Psi)	12	11	2023	6Diax12	---	14.6	28.28	68	5386	---	Non Engraved
3	CT-58 (6000 Psi)	12	11	2023	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
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Witnessed by: Engr. Haseeb Afzal, CNIC 34101-9592859-3

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
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**ORIGINAL**

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6350

Dr. M. Mazhar

To: Mr. MANOHAR LAL

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 40.20 - 55.40, L = 15.20 Km)

Our Ref. No. CL/CED/ 3721

Dated: 13/12/2023

Test Specification

Your Ref. No. SA-466F/103/GH/ML/Lab/88

Dated: 29/11/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 7/12/2023 Tested on: 13/12/2023 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	Deck Slab of LCC Main	9	11	2023	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
2	Deck Slab of LCC Main	9	11	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Deck Slab of LCC Main	9	11	2023	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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To: Mr. MANOHAR LAL  
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd  
Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 40.20 - 55.40, L= 15.20 Km)  
Our Ref. No. CL/CED/ 3722 Dated: 13/12/2023  
Your Ref. No. SA-466F/103/GH/ML/Lab/87 Dated: 29/11/2023

**Test Specification**  
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## COMPRESSION TEST REPORT



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

Specimens received on: 07-12-23 Tested on: 13/12/2023 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	Kerb Block (P.C.C.)	---	---	---	5 x 4.7 x 6	---	6	23.5	40	3813	---	Cut Piece
2	Kerb Block (P.C.C.)	---	---	---	4.9 x 4.9 x 6	---	6	24.01	38	3545	---	Cut Piece
3	Kerb Block (P.C.C.)	---	---	---	5 x 5 x 6	---	6	25	44	3942	---	Cut Piece
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Witnessed by:

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

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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.

6378  
 Dr. Umbreen

**To:** Mr. Sabir Hussain  
 Site Incharge, Al Ishtiaq Constructions

**Project:** Nil

**Our Ref. No. CL/CED/** 3723

**Dated:** 13/12/2023

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 13/12/2023

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 13/12/2023 **Tested on:** 13/12/2023 **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	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2800	30.81	105	7634	---	Chaudhary Concrete
2	Rectangular, Grey, 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2775	30.81	95	6907	---	Chaudhary Concrete
3	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

6378  
 Dr. Umbreen

**To: Mr. Sabir Hussain**  
 Site Incharge, Al Ishtiaq Constructions

Project: Nil

Our Ref. No. CL/CED/ 3724

Dated: 13/12/2023

Test Specification

Your Ref. No. Nil

Dated: 13/12/2023

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 13/12/2023 Tested on: 13/12/2023 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	90	6627	---	Banu Mukhtar
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2675	30.42	80	5891	---	Banu Mukhtar
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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