



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.

8535
 Dr. Qasim Khan

To: Engineer's Representative
 Metroplan-Asian JV, Site Office JIC-JHL, Lahore.

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

Our Ref. No. CL/CED/ 6911

Dated: 31-12-24

Test Specification

Your Ref. No. Metroplan-Asian JVJIC-JHL-RE-392-2024

Dated: 27-12-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 31-12-24 **Tested on:** 31-12-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Hollow Block	30	11	2024	16 x 8 x 8	---	28.8	77.72	89	2565	---	---
2	Hollow Block	30	11	2024	16 x 8 x 8	---	29	77.76	80	2305	---	---
3	Hollow Block	30	11	2024	16 x 8 x 8	---	29	77.76	175	5041	---	---
4	Solid Block	30	11	2024	11.9 x 6 x 8	---	20.8	70	79	2528	---	---
5	Solid Block	30	11	2024	12 x 6 x 8	---	21	70.56	79	2508	---	---
6	Solid Block	30	11	2024	11.9 x 6 x 7.9	---	20.6	70	100	3200	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Khalid Mahmood, Asian M.I, Mr. M. Ahmad, M.E, CCECC and Mr. H. Ahmad, IDAP.

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"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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8539

Dr. M. Mazhar

To: Mr. Tanveer Humayun
A.Architect, Fortress Square Mall Management

Project: Extension of Top Roof at Fortress Square Mall, Lahore. (Slab, Beams 772 Level Grid L-R/2-3)

Our Ref. No. CL/CED/ 6912

Dated: 31-12-24

Test Specification

Your Ref. No. Fs/Rcc/12/18

Dated: 30-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31-12-24 Tested on: 31-12-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(3000 Psi)	23	12	2024	6Diax12	---	14	28.28	49	3881	---	Engraved
2	(3000 Psi)	23	12	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
3	(3000 Psi)	23	12	2024	6Diax12	---	14	28.28	46	3644	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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