



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.

7884
 Dr. M. Yousaf

To: Mr. Mirza Muhammad Abdullah
 Senior Resident Engineer, M/s HA Consulting.

Project: Construction of NASTP Phase-03 at HQ CAC PAF Base Lahore.

Our Ref. No. CL/CED/ 6011

Dated: 30-09-24

Test Specification

Your Ref. No. 24/HAC/NASTP/1287

Dated: 20-09-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 26-09-24 **Tested on:** 30-09-24 **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	ABC	---	---	---	8.9 x 4.2 x 2.8	3580	3190	37.38	44	2637	12.23	---
2	ABC	---	---	---	8.8 x 4.2 x 2.9	3810	3420	36.96	54	3273	11.4	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Adeeb

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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ORIGINAL
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7903
 Dr. Aqsa

To: Mr. Junaid
 Tawasul Developers (Pvt) Ltd.

Project: Construction of Creek Tower 6-D Upper Mall Lahore. (Contractor: Ravi Construction Company)

Our Ref. No. CL/CED/ 6012

Dated: 30-09-24

Test Specification

Your Ref. No. Nil

Dated: 30-09-24

(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	(3000 Psi)	31	8	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
2	(3000 Psi)	31	8	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
3	(5000 Psi)	31	8	2024	6Diax12	---	14.2	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Junaid Aslam, CNIC # 35202-6038398-7

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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7897
 Dr. M. Yousaf

To: JR Private Limited
 Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Sports Complex at DHA Phase-V, Lahore.

Our Ref. No. CL/CED/ 6013

Dated: 30-09-24

Test Specification

Your Ref. No. Nil

Dated: 27-09-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-24 **Tested on:** 30-09-24 **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	D. Beam Courts R.S (4000 Psi)	11	8	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	D. Beam Courts R.S (4000 Psi)	11	8	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	D. Beam Courts R.S (4000 Psi)	11	8	2024	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
4	D. Beam Courts L.S (4000 Psi)	28	8	2024	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
5	D. Beam Courts L.S (4000 Psi)	28	8	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
6	D. Beam Courts L.S (4000 Psi)	28	8	2024	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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