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.

8952
Dr. M. Yousaf

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

Project: Commercial Tower, Finance Trade Centre, Lahore (11th Floor Slab Pour 2 A'~G'/1~4')

Our Ref. No. CL/CED/ 7438 **Dated: 19/02/2025** **Test Specification**

Your Ref. No. HMBDPL/S.O/02/25/174 (LHR) **Dated: 19/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/02/2025 **Tested on:** 19/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	CT-186 (3500 Psi)	22	1	2025	6Diax12	---	14.6	28.28	68	5386	---	Non Engraved
2	CT-186 (3500 Psi)	22	1	2025	6Diax12	---	14.6	28.28	55	4356	---	Non Engraved
3	CT-186 (3500 Psi)	22	1	2025	6Diax12	---	15	28.28	57	4515	---	Non Engraved
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Witnessed by: Mr. Aftab, HMBD, CNIC # 33103-0209597-3

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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8946
Dr. Asif Hameed

To: Mr. M. Yasir Kiani
Resident Engineer (JCP Wahga), NESPAK (Pvt) Ltd.

Project: Relocation and Enhancement of Wahga Border Flagpole.

Our Ref. No. CL/CED/ 7439 **Dated:** 19/02/2025 **Test Specification**

Your Ref. No. 4749/031/YK/01/138 **Dated:** 19/02/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/02/2025 **Tested on:** 19/02/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(4000 Psi)	17	1	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	(4000 Psi)	17	1	2025	6Diax12	---	14.2	28.28	67	5307	---	Non Engraved
3	(4000 Psi)	17	1	2025	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
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Witnessed by: Mr. M. Faiz Ahmed, CNIC # 33100-0949345-7

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.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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ORIGINAL
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8894
Dr. M. Yousaf

To: Project Manager
SUNSHINE HEALTHCARE Private Limited

Project: Construction of SUNSHINE MEDICAL TOWER SHAHDRA.

Our Ref. No. CL/CED/ 7440 **Dated: 19/2/2025** **Test Specification**

Your Ref. No. Nil **Dated: 12/02/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 Tested on: 19/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Slab Water Dipped	11	1	2025	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	Slab Water Dipped	11	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	Slab Field Curing	11	1	2025	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	Slab Field Curing	11	1	2025	6Diax12	---	14	28.28	63	4990	---	Non Engraved
5	Wall Water Dipped	11	1	2025	6Diax12	---	13.2	28.28	75	5941	---	Engraved
6	Wall Water Dipped	11	1	2025	6Diax12	---	13.4	28.28	84	6653	---	Engraved
7	Wall Field Curing	11	1	2025	6Diax12	---	14	28.28	63	4990	---	Engraved
8	Wall Field Curing	11	1	2025	6Diax12	---	14	28.28	85	6733	---	Engraved
9	Slab Water Dipped	18	1	2025	6Diax12	---	14	28.28	63	4990	---	Engraved
10	Slab Water Dipped	18	1	2025	6Diax12	---	14	28.28	74	5861	---	Engraved
11	Slab Field Curing	18	1	2025	6Diax12	---	14	28.28	69	5465	---	Engraved
12	Slab Field Curing	18	1	2025	6Diax12	---	14	28.28	78	6178	---	Engraved
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Witnessed by:

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

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ORIGINAL
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8887
Dr. M. Yousaf

To: Mr. Abdul Baseet
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders (Lift Wall-05 Grid: H-H'/4, Lift Wall-01 Grid: H-H'/6, Shear Wall-04 Grid: F-G/9) (Main Building 7th Floor Zone-02 & 8th Floor Zone-02)

Our Ref. No. CL/CED/ 7441 Dated: 19/2/2025 Test Specification

Your Ref. No. DOC-BMC/AJWA/184 Dated: 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/02/2025 Tested on: 19/2/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(6000 Psi)	9	1	2025	6Diax12	---	13.8	28.28	96	7604	---	Non Engraved
2	(6000 Psi)	9	1	2025	6Diax12	---	14.2	28.28	108	8554	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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8921
Dr. M. Yousaf

To: Mr. Sulman
Material Manager, BH Consultants, Garden Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), E-1-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 7442 **Dated:** 19/2/2025 **Test Specification**

Your Ref. No. #20 **Dated:** 17/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/02/2025 **Tested on:** 19/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4000 Psi (1:1.5:3)	7	2	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	4000 Psi (1:1.5:3)	7	2	2025	6Diax12	---	14.4	28.28	51	4040	---	Non Engraved
3	4000 Psi (1:1.5:3)	7	2	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
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4. **** 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

1.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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8921
Dr. M. Yousaf

To: Mr. Sulman
Material Manager, BH Consultants, Garden Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), E-1-Block, Valancia Society, Lahore

Our Ref. No. CL/CED/ 7443 **Dated:** 19/2/2025 **Test Specification**

Your Ref. No. #22 **Dated:** 17/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/02/2025 **Tested on:** 19/2/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
2	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
4	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
5	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	14	28.28	55	4356	---	Non Engraved
6	3000 Psi (1:2:4)	8	2	2025	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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