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.

7806
Engr. A. Rehman

To: Mr. Muhammad Nadeem
Site Engineer, PREMIER SERVICES- BLUE AREA ISLAMABAD

Project: SEEPAGE RECTIFICATION PROJECT AT ZONG MSC, KOT LAKHPAT LAHORE.

Our Ref. No. CL/CED/ 5895 **Dated:** 13/9/2024

Your Ref. No. Nil **Dated:** 13/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/9/2024 **Tested on:** 13/9/2024 **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	1500 Psi- MSC Zong KLP Lahore	7	9	2024	6Diax12	---	13	28.28	21	1663	---	Engraved
2	1500 Psi- MSC Zong KLP Lahore	7	9	2024	6Diax12	---	12.6	28.28	24	1901	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC 37406-2787904-1

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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7774
Engr. A. Rehman

To: Project Manager
SUNSHINE HEALTH CARE (Private) Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 5896 Dated: 13/9/2024

Your Ref. No. Nil Dated: 09-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/9/2024 Tested on: 13/9/2024 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	WATER DIPPED	7	8	2024	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	WATER DIPPED	7	8	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	FIELD CURING	7	8	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
4	FIELD CURING	7	8	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
5	WALL WATER DIPPED	2	9	2024	6Diax12	---	13	28.28	44	3485	---	Engraved
6	WALL FIELD CURING	2	9	2024	6Diax12	---	13	28.28	56	4436	---	Engraved
7	WALL FIELD CURING	2	9	2024	6Diax12	---	13	28.28	52	4119	---	Engraved
8	COLUMN WATER DIPPED	2	9	2024	6Diax12	---	13.8	28.28	67	5307	---	Engraved
9	COLUMN FIELD CURING	2	9	2024	6Diax12	---	12.6	28.28	70	5545	---	Engraved
10	COLUMN FIELD CURING	2	9	2024	6Diax12	---	13.4	28.28	62	4911	---	Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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7786
Engr. A. Rehman

To: Mr. Mouazam Ali Shahzad
Asst. Resident Engineer, New Vision Engineering Consultant

Project: UPGRADATION & MODERNIZATION OF PAKISTAN MINT PHASE-II A SHALIMAR TOWN GT ROAD LAHORE

Our Ref. No. CL/CED/ 5897-1 of 2 Dated: 13/9/2024

Your Ref. No. NVEC/RE/PAKMINT/2024/51 Dated: 05-09-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/9/2024 Tested on: 13/9/2024 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	Plinth Beam (4000 Psi)	27	7	2024	6Diax12	---	13	28.28	44	3485	---	Non Engraved
2	Plinth Beam (4000 Psi)	27	7	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	Plinth Beam (4000 Psi)	27	7	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
4	Plinth Beam (4000 Psi)	4	8	2024	6Diax12	---	14	28.28	91	7208	---	Non Engraved
5	Plinth Beam (4000 Psi)	4	8	2024	6Diax12	---	13.8	28.28	89	7050	---	Non Engraved
6	Plinth Beam (4000 Psi)	4	8	2024	6Diax12	---	14	28.28	89	7050	---	Non Engraved
7	Column Up To Plinth (5000 Psi)	4	8	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
8	Column Up To Plinth (5000 Psi)	4	8	2024	6Diax12	---	14	28.28	76	6020	---	Non Engraved
9	Column Up To Plinth (5000 Psi)	4	8	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
10	Column Above To Plinth (5000 Psi)	20	8	2024	6Diax12	---	13	28.28	66	5228	---	Non Engraved
11	Column Above To Plinth (5000 Psi)	20	8	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
12	Column Above To Plinth (5000 Psi)	20	8	2024	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
13	Column Above To Plinth (5000 Psi)	22	8	2024	6Diax12	---	13	28.28	99	7842	---	Non Engraved
14	Column Above To Plinth (5000 Psi)	22	8	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
15	Column Above To Plinth (5000 Psi)	22	8	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

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Asst. Resident Engineer, New Vision Engineering Consultant

Project: UPGRADATION & MODERNIZATION OF PAKISTAN MINT PHASE-II A SHALIMAR TOWN GT ROAD LAHORE

Our Ref. No. CL/CED/ 5897-2 of 2 Dated: 13/9/2024

Your Ref. No. NVEC/RE/PAKMINT/2024/51 Dated: 05-09-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/9/2024 Tested on: 13/9/2024 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	Column Above To Plinth (5000 Psi)	24	8	2024	6Diax12	---	13	28.28	79	6257	---	Non Engraved
2	Column Above To Plinth (5000 Psi)	24	8	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	Column Above To Plinth (5000 Psi)	24	8	2024	6Diax12	---	12.4	28.28	66	5228	---	Non Engraved
4	Column Above To Plinth (5000 Psi)	25	8	2024	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
5	Column Above To Plinth (5000 Psi)	25	8	2024	6Diax12	---	14	28.28	89	7050	---	Non Engraved
6	Column Above To Plinth (5000 Psi)	25	8	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
7	Column Above To Plinth (5000 Psi)	26	8	2024	6Diax12	---	13	28.28	78	6178	---	Non Engraved
8	Column Above To Plinth (5000 Psi)	26	8	2024	6Diax12	---	13	28.28	85	6733	---	Non Engraved
9	Column Above To Plinth (5000 Psi)	26	8	2024	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
10	Column Above To Plinth (5000 Psi)	28	8	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
11	Column Above To Plinth (5000 Psi)	28	8	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
12	Column Above To Plinth (5000 Psi)	28	8	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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