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.

7585
Dr. M. Yousaf

To: **Engineer Kashif Sb**
Project Manager, PAKMIX Ready Mix Concrete.

Project: Construction of Creek Tower Lahore.

Our Ref. No. CL/CED/ 5519 **Dated: 12-08-24**

Your Ref. No. Nil **Dated: 08-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-08-24 **Tested on:** 12-08-24 **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)	30	7	2024	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
2	(5000 Psi)	30	7	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC # 32301-1775770-3

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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7587
Dr. M. Yousaf

To: Engr's. Qaiser Aziz
Site Engineer, OZ Developers (Pvt) Ltd.

Project: Constructing a High Rise Building " Bahria Sky" at Bahria Orchard Phase 4, Lahore.

Our Ref. No. CL/CED/ 5520 **Dated: 12-08-24**

Your Ref. No. Nil **Dated: 12-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-08-24 Tested on: 12-08-24 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	---	14	7	2024	6Diax12	---	15	28.28	44	3485	---	Non Engraved
2	---	14	7	2024	6Diax12	---	14.4	28.28	55	4356	---	Non Engraved
3	---	14	7	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Qaiser Aziz, CNIC # 36302-9254362-7

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 comprerssive 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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7558
Dr. M. Yousaf

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 5521 Dated: 12-08-24

Your Ref. No. TM-SECOND FLOOR LANTOR+BEAMS Dated: 02-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-08-24 Tested on: 12-08-24 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)	22	7	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	(3000 Psi)	22	7	2024	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
3	(3000 Psi)	22	7	2024	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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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7558
Dr. M. Yousaf

To: Mr. M. Ashraf Javed
Project Incharge, Ijaz Cotton Pvt. Ltd.

Project: Ijaz Cotton Pvt. Ltd. Nabi Baksh 34 KM Ferozepur Road, Lahore.

Our Ref. No. CL/CED/ 5522 Dated: 12-08-24

Your Ref. No. TM-SECOND FLOOR LANTOR+BEAMS Dated: 02-08-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-08-24 Tested on: 12-08-24 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)	23	7	2024	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
2	(3000 Psi)	23	7	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	(3000 Psi)	23	7	2024	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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 comprerssive 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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7538
Dr. M. Yousaf

To: Mr. Waheed SB
Project Manager, PAKMIX Ready Mix Concrete

Project: Waheed Sb Jail Road.

Our Ref. No. CL/CED/ 5523 **Dated:** 12-08-24 **Test Specification**

Your Ref. No. Nil **Dated:** 02-08-24 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-08-24 **Tested on:** 12-08-24 **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	(3200 Psi)	24	6	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	(3200 Psi)	24	6	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	(3200 Psi)	24	6	2024	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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 comprerssive 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
A carbon copy for the report has been retained in the lab for record.

7550
Dr. M. Yousaf

To: Project Manager
PAKMIX Ready Mix Concrete

Project: Construction of Waleed Ahmad (45-46-47 A Side) Broadway Commercial AL-Kabir Town Phase II, (Dayim Signature Apartments)

Our Ref. No. CL/CED/ 5524 Dated: 12-08-24

Your Ref. No. Nil Dated: 05-08-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-08-24 Tested on: 12-08-24 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)	21	5	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	(3000 Psi)	21	5	2024	6Diax12	---	13.4	28.28	49	3881	---	Non Engraved
3	(3000 Psi)	21	5	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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
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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.

7572
Dr. M. Yousaf

To: Mr. Muhammad Saad Ali
NINE ARCHES

Project: Nil

Our Ref. No. CL/CED/ 5525 **Dated:** 12-08-24

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08-08-24 **Tested on:** 12-08-24 **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	Raft (4000 Psi)	13	6	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	Raft (4000 Psi)	13	6	2024	6Diax12	---	14.4	28.28	79	6257	---	Non Engraved
3	Raft (4000 Psi)	13	6	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	Raft (40000 Psi)	13	6	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
5	Columns (5000 Psi)	10	7	2024	6Diax12	---	14	28.28	82	6495	---	Non Engraved
6	Columns (5000 Psi)	10	7	2024	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
7	Columns (5000 Psi)	10	7	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
8	Columns (5000 Psi)	10	7	2024	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
9	Slab (3350 Psi)	26	4	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
10	Slab (3350 Psi)	26	4	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
11	Slab (3350 Psi)	26	4	2024	6Diax12	---	14.4	28.28	65	5149	---	Non Engraved
12	Slab (3350 Psi)	26	4	2024	6Diax12	---	14	28.28	71	5624	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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**