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.

7551
Dr. M. Mazhar

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: 10th Floor Slab Pour-I

Our Ref. No. CL/CED/ 5495 **Dated:** 08-08-24

Your Ref. No. VA/29/166 **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:** 08-08-24 **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	10th Floor Slab	6	6	2024	6Diax12	---	15	28.28	80	6337	---	Non Engraved
2	10th Floor Slab	6	6	2024	6Diax12	---	14.4	28.28	86	6812	---	Non Engraved
3	10th Floor Slab	6	6	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali CNIC # 35201-9967694-3

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**

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.

7551
Dr. M. Mazhar

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: 10th Floor Slab Pour-2

Our Ref. No. CL/CED/ 5496 Dated: 08-08-24

Your Ref. No. VA/29/167 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: 08-08-24 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	10th Floor Slab	10	6	2024	6Diax12	---	14.2	28.28	84	6653	---	Non Engraved
2	10th Floor Slab	10	6	2024	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
3	10th Floor Slab	10	6	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali CNIC # 35201-9967694-3

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**

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.

7541
Dr. M. Mazhar

To: Mr. Muhammad Sajid
Project Manager, Jaffar Builders, Near Chungi #9, Eastern Ganaishwah Canal's Bank, Muzaffargarh.

Project: Coca Cola Sunder Green Lahore.

Our Ref. No. CL/CED/ 5497 Dated: 08-08-24

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: 08-08-24 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	Column	25	7	2024	6Diax12	---	13	28.28	25	1980	---	Engraved
2	Column	25	7	2024	6Diax12	---	13.8	28.28	31	2455	---	Engraved
3	Column	25	7	2024	6Diax12	---	13	28.28	31	2455	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

7545
Dr. M. Mazhar

To: **Engr. Shafiq Ahmad**
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5498 **Dated: 08-08-24**

Your Ref. No. NVEC/RE/2024/34 **Dated: 31-07-24**

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:** 08-08-24 **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 Footing (4000 Psi)	3	7	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Raft Footing (4000 Psi)	3	7	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Raft Footing (4000 Psi)	3	7	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	Raft Footing (4000 Psi)	3	7	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
5	Raft Footing (4000 Psi)	3	7	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
6	Raft Footing (4000 Psi)	3	7	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

7545
Dr. M. Mazhar

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5499-1 of 2 Dated: 08-08-24

Your Ref. No. NVEC/RE/2024/37 Dated: 03-08-24

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: 08-08-24 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 Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
4	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
5	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14.2	28.28	75	5941	---	Non Engraved
6	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
7	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
8	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14.2	28.28	87	6891	---	Non Engraved
9	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
10	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
11	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
12	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13	28.28	83	6574	---	Non Engraved
13	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
14	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
15	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
16	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved

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**

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.

7545
Dr. M. Mazhar

To: **Engr. Shafiq Ahmad**
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5499-2 of 2 **Dated: 08-08-24**

Your Ref. No. NVEC/RE/2024/37 **Dated: 03-08-24**

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:** 08-08-24 **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 Footing (4000 Psi)	7	7	2024	6Diax12	---	14.6	28.28	79	6257	---	Non Engraved
2	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
4	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	91	7208	---	Non Engraved
5	Raft Footing (4000 Psi)	7	7	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

7545
Dr. M. Mazhar

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5500 Dated: 08-08-24

Your Ref. No. NVEC/RE/2024/35 Dated: 01-08-24

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: 08-08-24 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 Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	71	5624	---	Non Engraved
2	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
5	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
6	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	15	28.28	75	5941	---	Non Engraved
7	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	13.8	28.28	52	4119	---	Non Engraved
8	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
9	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14.6	28.28	68	5386	---	Non Engraved
10	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
11	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
12	Raft Footing (4000 Psi)	4	7	2024	6Diax12	---	13.6	28.28	64	5069	---	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**

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.

7545
Dr. M. Mazhar

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5501-1 of 2 Dated: 08-08-24

Your Ref. No. NVEC/RE/2024/36 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: 05-08-24 **Tested on:** 08-08-24 **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 Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	15	28.28	93	7366	---	Non Engraved
3	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
5	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
6	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
7	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
8	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
9	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14.2	28.28	46	3644	---	Non Engraved
10	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
11	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
12	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
13	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
14	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
15	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.8	28.28	93	7366	---	Non Engraved
16	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved

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**

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.

7545
Dr. M. Mazhar

To: Engr. Shafiq Ahmad
Resident Engineer, New Vision Engineering Consultant, Lahore.

Project: Modernization and Up-gradation of Pakistan Mint, Phase-II-A.

Our Ref. No. CL/CED/ 5501- 2 of 2 Dated: 08-08-24

Your Ref. No. NVEC/RE/2024/36 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: 05-08-24 Tested on: 08-08-24 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 Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Raft Footing (4000 Psi)	5	7	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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 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**