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.

3691
Dr. Umbreen

To: Mr. Muhammad Sohail Anjum
Project Manager, MS Tower Developers

Project: Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 9565 Dated: 15/8/2022

Your Ref. No. MST/UET/2022/C-043 Dated: 10/08/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/8/2022 **Tested on:** 15/8/2022 **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	#68 (1950 Psi)	4	8	2022	6Diax12	---	13	28.28	51	4040	---	Non Engraved
2	#69 (1950 Psi)	4	8	2022	6Diax12	---	13	28.28	41	3248	---	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**

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.

3691
Dr. Umbreen

To: Mr. Muhammad Sohail Anjum
Project Manager, MS Tower Developers

Project: Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 9566 Dated: 15/8/2022

Your Ref. No. MST/UET/2022/C-042 Dated: 10/08/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/8/2022 **Tested on:** 15/8/2022 **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	#59 (1950 Psi)	1	8	2022	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
2	#61 (1950 Psi)	1	8	2022	6Diax12	---	13	28.28	29	2297	---	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**

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.

3651
Dr. Umbreen

To: Mr. Hamad John
District Sialkot.

Project: Nil

Our Ref. No. CL/CED/ 9567 **Dated:** 15/8/2022

Your Ref. No. DM/3000/2/5000 **Dated:** 29/7/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/7/2022 **Tested on:** 15/8/2022 **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	3	7	2022	6Diax12	---	15	28.28	49	3881	---	Non Engraved
2	3000 Psi	3	7	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	3000 Psi	3	7	2022	6Diax12	---	15	28.28	59	4673	---	Non Engraved
4	5000 Psi	26	6	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
5	5000 Psi	26	6	2022	6Diax12	---	14.6	28.28	51	4040	---	Non Engraved
6	5000 Psi	23	6	2022	6Diax12	---	14.4	28.28	53	4198	---	Non Engraved
7	5000 Psi	23	6	2022	6Diax12	---	14.4	28.28	47	3723	---	Non Engraved
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.

3667
Dr. Umbreen

To: **Mr. Afaq Mahmood**
Site Inspector, M/S New Vision Engineering Consultant.

Project: Construction of ACCN for College of Nursing at Kharian Cantt. (Contractor: M/s Chahat Construction).

Our Ref. No. CL/CED/ 9568 **Dated: 15/8/2022**

Your Ref. No. NVEC/HO/MES/2022/122 **Dated: 02/08/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 2/8/2022 Tested on: 15/8/2022 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)	5	7	2022	6Diax12	---	12.8	28.28	65	5149	---	Non Engraved
2	(3000 Psi)	5	7	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
3	(3000 Psi)	5	7	2022	6Diax12	---	13	28.28	51	4040	---	Non 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.

3698
Dr. Umbreen

To: Engr. Shahid Iqbal
Manager Construction, Trans-Continental Freight Pvt. Ltd.

Project: Construction of TAQ House-Gulberg at Plot No. 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 9569 Dated: 15/8/2022

Your Ref. No. THG/003/UET Dated: 11/08/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11/8/2022 Tested on: 15/8/2022 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)	25	6	2022	6Diax12	---	12.8	28.28	51	4040	---	Non Engraved
2	(3000 Psi)	25	6	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
3	(3000 Psi)	25	6	2022	6Diax12	---	13	28.28	47	3723	---	Non 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**