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.

6592
Dr. M. Mazhar

To: Manager Projects & Utilities
Surge Laboratories (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 4042 **Dated:** 24-01-24 **Test Specification**

Your Ref. No. Nil **Dated:** 23-01-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 23-01-24 **Tested on:** 24-01-24 **in dry/wet condition**

ONLINE REPORT

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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2805	30.42	40	2945	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	36	2651	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2890	30.42	32	2356	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2745	30.42	42	3093	---	---
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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
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
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ORIGINAL
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6586
Dr. M. Mazhar

To: Sub Divisional Officer
Road Construction, Sub Division No.1 Lahore.

Project: Reconstruction / Rehabilitation of Road Connecting CTD Main Office District Lahore Length = 1.25 KM. (Government Contractor: M/S Jalal Construction Co.)

Our Ref. No. CL/CED/ 4043 Dated: 24-01-24 Test Specification

Your Ref. No. 326/RCSD-1 Dated: 31-10-23 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-01-24 Tested on: 24-01-24 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	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.2	---	3620	30.81	95	6907	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.2	---	3515	30.81	97	7052	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.2	---	3610	30.81	77	5598	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.9 x 3.9 x 3.2	---	3480	30.81	105	7634	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6587
Dr. M. Mazhar

To: Mr. Uzair Yousaf Dogar
Church Road, Civil Line Sheikhupura, District Sheikhupura.

Project: Sheikhupura Interchange Srevice Station, Grw-Skp Road, Lahore.

Our Ref. No. CL/CED/ 4044 **Dated:** 24-01-24 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-01-24 **Tested on:** 24-01-24 **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	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3630	29.26	74	5665	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3740	29.26	107	8191	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.2	---	3640	29.26	62	4746	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2730	29.26	64	4900	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2685	29.26	87	6660	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2760	29.26	107	8191	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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
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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6589
Dr. M. Mazhar

To: **H.M.Saad, PMP**
Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 4045 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/1/2024 Tested on: 24/1/2024 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	---	16	1	2024	6Diax12	---	13	28.28	56	4436	---	Non Engraved
2	---	16	1	2024	6Diax12	---	14	28.28	30	2376	---	Non Engraved
3	---	16	1	2024	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
4	---	16	1	2024	6Diax12	---	14.4	28.28	46	3644	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain

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

6583
Dr. M. Mazhar

To: **Eng. Ahmad Ramzan**
Manager Construction, Plan & Build (Pvt) Ltd.

Project: Construction of Bajuar Height at Meclord Road Lahore.

Our Ref. No. CL/CED/ 4046 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 23/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/1/2024 Tested on: 24/1/2024 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	(3000 Psi)	25	12	2023	6Diax12	---	13.4	28.28	41	3248	---	Non Engraved
2	(3000 Psi)	25	12	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	(3000 Psi)	25	12	2023	6Diax12	---	14.2	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Umer Nawaz

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

6563
Dr. Umbreen

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Construction of 6th Floor Column (Cl-1, Cl-2, Cl-3, Sh-1, Cl-4, Cl-5, Cl-6, Sh-8,9)

Our Ref. No. CL/CED/ 4047 Dated: 24/01/2024

Your Ref. No. VA/29/137 Dated: 16/1/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/1/2024 Tested on: 24/1/2024 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	13	12	2023	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
2	Column	13	12	2023	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	Column	13	12	2023	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6593
Dr. M. Mazhar

To: **Mr. Muhammad Atif Khalil**
Project Manager (BMC) for Banu Mukhtar Contracting (Pvt) Ltd.

Project: Construction of Burj-1 by AJWA Builders (Main Building B/01 Zone-02 Area- 04), (6000 Psi)

Our Ref. No. CL/CED/ 4048 **Dated: 24/01/2024**

Your Ref. No. DOC-BMC/AJWA/152 **Dated: 24/1/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2024 **Tested on:** 24/1/2024 **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	Columns #01 Grids# H'/7 (P)	8	1	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	Columns #01 Grids# H'/7 (P)	8	1	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Tanveer & Mr. M. Irfan

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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6593
Dr. M. Mazhar

To: **Mr. Muhammad Atif Khalil**
Project Manager (BMC) for Banu Mukhtar Contracting (Pvt) Ltd

Project: Construction of Burj-1 by AJWA Builders (Main Building B/01 Zone-02 Area- 04), (6000 Psi)

Our Ref. No. CL/CED/ 4049 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/152 **Dated: 24/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2024 **Tested on:** 24/1/2024 **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	Columns #01 Grids# H'/7	8	1	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	Columns #01 Grids# H'/7	8	1	2024	6Diax12	---	14	28.28	91	7208	---	Non Engraved
3	Columns #01 Grids# H'/7	8	1	2024	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Tanveer & Mr. M. Irfan

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.

6593
Dr. M. Mazhar

To: Mr. Muhammad Atif Khalil
Project Manager (BMC) for Banu Mukhtar Contracting (Pvt) Ltd

Project: Construction of Burj-1 by AJWA Builders (Main Building B/01 Zone-02 Area- 04), (6000 Psi)

Our Ref. No. CL/CED/ 4050 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/151 **Dated: 24/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2024 Tested on: 24/1/2024 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	Col. #02 Grids# B'/7, B'/9(P)	10	1	2024	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	Col. #02 Grids# B'/7, B'/9(P)	10	1	2024	6Diax12	---	14	28.28	101	8000	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Tanveer & Mr. M. Irfan

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.

6593
Dr. M. Mazhar

To: **Mr. Muhammad Atif Khalil**
Project Manager (BMC) for Banu Mukhtar Contracting (Pvt) Ltd

Project: Construction of Burj-1 by AJWA Builders (Main Building B/01 Zone-02 Area- 04), (6000 Psi)

Our Ref. No. CL/CED/ 4051 **Dated: 24/01/2024**

Your Ref. No. DOC-BMC/AJWA/151 **Dated: 24/1/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2024 **Tested on:** 24/1/2024 **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 #02 Grids# B'/7, B'/9	10	1	2024	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
2	Column #02 Grids# B'/7, B'/9	10	1	2024	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
3	Column #02 Grids# B'/7, B'/9	10	1	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Tanveer & Mr. M. Irfan

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.

6584
Dr. M. Mazhar

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

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (B1 Shear Wall C-D E-G/1 -2 & Column C/2)

Our Ref. No. CL/CED/ 4052 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. HMBDPL/S.O/01/24/90th (LHR) **Dated: 23/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/1/2024 **Tested on:** 24/1/2024 **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	CT-74 (6000 Psi)	24	12	2023	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	CT-74 (6000 Psi)	24	12	2023	6Diax12	---	14	28.28	95	7525	---	Non Engraved
3	CT-74 (6000 Psi)	24	12	2023	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

6577
Dr. M. Mazhar

To: **Engr. Hamza**
Site Engineer, Architects InDesign; Architecture, Interior, Town Planning

Project: Plot No. 07, Block Q, Gulberg-II, Lahore (Commercial Building Plan- Total No. of Floors =14, Height of Building= +170)

Our Ref. No. CL/CED/ 4053 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: 22/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2024 Tested on: 24/1/2024 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	5000 Psi	23	12	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	5000 Psi	23	12	2023	6Diax12	---	13.4	28.28	91	7208	---	Non Engraved
3	5000 Psi	23	12	2023	6Diax12	---	13.2	28.28	93	7366	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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.

6577
Dr. M. Mazhar

To: Engr. Hamza
Site Engineer, Architects InDesign; Architecture, Interior, Town Planning

Project: Plot No. 07, Block Q, Gulberg-II, Lahore (Commercial Building Plan- Total No. of Floors =14, Height of Building= +170)

Our Ref. No. CL/CED/ 4054 Dated: 24/01/2024 **Test Specification**

Your Ref. No. Nil Dated: 19/1/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2024 **Tested on:** 24/1/2024 **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	5000 Psi	19	12	2023	6Diax12	---	13.2	28.28	99	7842	---	Non Engraved
2	5000 Psi	19	12	2023	6Diax12	---	13.2	28.28	99	7842	---	Non Engraved
3	5000 Psi	19	12	2023	6Diax12	---	13.2	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

6580
Dr. M. Mazhar

To: **Manager Admin**
Samman Ghee Mills (Pvt) Ltd.

Project: Construction of Civil Foundation of New Plant in Samman Ghee Mills (Pvt) Ltd.

Our Ref. No. CL/CED/ 4055 **Dated: 24/01/2024**

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

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2024 **Tested on:** 24/1/2024 **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	---	22	12	2023	6x6x6	---	8.6	36	85	5289	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

6580
Dr. M. Mazhar

To: **Manager Admin**
Samman Ghee Mills (Pvt) Ltd

Project: Construction of Civil Foundation of New Plant in Samman Ghee Mills (Pvt) Ltd.

Our Ref. No. CL/CED/ 4056 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2024 **Tested on:** 24/1/2024 **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	---	22	12	2023	6Diax12	---	15.4	28.28	99	7842	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

6569
Dr. M. Mazhar

To: **Mr. Asif Javed**
Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01

Our Ref. No. CL/CED/ 4057 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. NVEC/GCWUS/T-15 **Dated: 18/11/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/1/2024 **Tested on:** 24/1/2024 **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	---	19	10	2023	6x6x6	---	8.2	36	77	4791	---	Non Engraved
2	---	19	10	2023	6x6x6	---	8.2	36	72	4480	---	Non Engraved
3	---	19	10	2023	6x6x6	---	8.4	36	77	4791	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

6569
Dr. M. Mazhar

To: **Mr. Asif Javed**
Resident Engineer, New Vision Engineering Consultant

Project: Strengthening Infrastructure and Academic Programs of Government College Women University Sialkot. Construction of Faculty Natural Sciences Block (First Floor) Group-01

Our Ref. No. CL/CED/ 4058 **Dated: 24/01/2024** **Test Specification**

Your Ref. No. NVEC/GCWUS/T-16 **Dated: 20/11/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/1/2024 **Tested on:** 24/1/2024 **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	---	21	10	2023	6x6x6	---	8.2	36	75	4667	---	Non Engraved
2	---	21	10	2023	6x6x6	---	8	36	52	3236	---	Non Engraved
3	---	21	10	2023	6x6x6	---	8	36	58	3609	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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.

6575
Dr. M.Mazhar

To: Paver Deptt.
For Banu Mukhtar Products (Pvt.) Ltd.

Project: Judicial Employee Co-Operative Housing Society Sheikhupura Road, Faisalabad.

Our Ref. No. CL/CED/ 4059 **Dated:** 24/1/2024

Your Ref. No. BMP/SMS/UET/040 **Dated:** 22/1/2024

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/1/2024 **Tested on:** 24/1/2024 **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	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2770	29.26	140	10718	---	---
2	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2755	29.26	154	11789	---	---
3	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2800	29.26	176	13474	---	---
4	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2690	29.26	152	11636	---	---
5	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2810	29.26	111	8498	---	---
6	Rectangular, (Citi), Grey, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2765	29.26	107	8191	---	---
7	Rectangular, (Citi), Red, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2700	29.26	97	7426	---	---
8	Rectangular, (Citi), Red, 60mm	---	---	---	7.7 x 3.8 x 2.4	---	2680	29.26	107	8191	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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
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**