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.

5756
Dr. M. Yousaf

To: **Mr. Kashif Masood**
Manager Marketing, M/S Concrete Concepts Pvt. Ltd.

Project: M/S Joint Developers, Site: Gulberg Lahore.

Our Ref. No. CL/CED/ 2705 **Dated: 23-08-23** **Test Specification**

Your Ref. No. Nil **Dated: 22-08-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 22-08-23 **Tested on:** 22-08-23 **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, 60mm	---	---	---	7.8x3.8x2.4	---	2795	29.64	79	5970	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2790	29.64	82	6197	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2765	29.64	100	7557	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2780	29.64	128	9673	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2820	29.64	130	9825	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2860	29.64	134	10127	---	---
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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**

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ORIGINAL
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5752
Dr. M. Yousaf

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

Project: Construction of Commercial Tower FTC Lahore (Cylinder B4 Columns G/4 & F/4)

Our Ref. No. CL/CED/ 2706 Dated: 23-08-23

Your Ref. No. HMBDPL/S.O/08/23/64th (LHR) Dated: 21-08-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-08-23 Tested on: 22-08-23 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	6000 Psi (C-18)	21	7	2023	6Diax12	---	14.4	28.28	82	6495	---	Non Engraved
2	6000 Psi (C-18)	21	7	2023	6Diax12	---	14	28.28	102	8079	---	Non Engraved
3	6000 Psi (C-18)	21	7	2023	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Tameer Construction), (Strong)

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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5759
Dr. M. Yousaf

To: **Mr. Muhammad Saeed**
Director Operation, PAKMIX Ready Mix Concrete. (Client: M/S 4 Season Store Raiwind Road, Laho

Project: 4 Season Store Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 2707 **Dated:** **23-08-23** **Test Specification**

Your Ref. No. **PMC/LABORATORY/TEST/AUG-23/04** **Dated:** **22-08-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 22-08-23 **Tested on:** 22-08-23 **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	Site (3000 Psi)	14	8	2023	6x6x6	---	8.2	36	55	3422	---	Non Engraved
2	Plant (3000 Psi)	14	8	2023	6x6x6	---	8.2	36	41	2551	---	Non Engraved
3	Plant (3000 Psi)	14	8	2023	6x6x6	---	8.4	36	47	2924	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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5739
Dr. Umbreen

To: Goher Abbas Proprieter
Five Star Construction Co.

Project: Construction of New Noodle 1200, Unilever, Phool Nagar

Our Ref. No. CL/CED/ 2708 **Dated:** 23-08-23 **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: 18-08-23 **Tested on:** 23-08-23 **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 C-1, G-12-13 (4000 Psi)	7	8	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	Columns C-1, G-12-13 (4000 Psi)	7	8	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	Foundation F-17, G-12-13 (3000 Psi)	5	8	2023	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
4	Foundation F-17, G-12-13 (3000 Psi)	5	8	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
5	Foundation F-17, G-12-13 (3000 Psi)	5	8	2023	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
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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

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2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

5600
Dr. Qasim Khan

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

Project: Nil

Our Ref. No. CL/CED/ 2709 **Dated:** 23/8/2023

Your Ref. No. VA/29/93 **Dated:** 24/7/2023

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 **Tested on:** 21-08-23 **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	Trial Mix 3000 Psi	12	7	2023	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	Trial Mix 3000 Psi	12	7	2023	6Diax12	---	13.8	28.28	40	3168	---	Non Engraved
3	Trial Mix 3000 Psi	12	7	2023	6Diax12	---	14.6	28.28	37	2931	---	Non Engraved
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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/

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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL
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5745
Dr. Umbreen

To: **Mr. Zahid Mughal**
M/S AMANAH NOOR RESIDENCE

Project: Construction of 3rd to 4th Floor Lift Wall

Our Ref. No. CL/CED/ 2710 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. Nil **Dated: 21/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/8/2023 Tested on: 23/8/2023 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	11	8	2023	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	5000 Psi	11	8	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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5713
Dr. Umbreen

To: **Mr. AMEIN UDDIN**
Project Manager Project, MAJEED ASSOCIATES (Pvt) Ltd Karachi

Project: Construction of ABL BANK EXPO CENTRE JOHAR TOWN Lahore

Our Ref. No. CL/CED/ 2711 **Dated: 23/8/2023** **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: 15/8/2023 Tested on: 23/8/2023 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	1st Floor Roof Slab (3000 Psi)	4	8	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	1st Floor Roof Slab (3000 Psi)	4	8	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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ORIGINAL
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5713
Dr. Umbreen

To: **Mr. AMEIN UDDIN**
Project Manager Project, MAJEED ASSOCIATES (Pvt) Ltd Karachi

Project: Construction of ABL BANK EXPO CENTRE JOHAR TOWN Lahore

Our Ref. No. CL/CED/ 2712 **Dated: 23/8/2023** **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: 15/8/2023 Tested on: 23/8/2023 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	Left Wall + 1st Flr.Col. (4000 Psi)	17	7	2023	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
2	Left Wall + 1st Flr.Col. (4000 Psi)	17	7	2023	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5722
Dr. Umbreen

To: **Eng. Asad Rashid Choudhary, P.E.**
Speed Construction Management (SCM)

Project: Construction of a New Building at Plot No. 25, Road 13, Khayaban-e-Kheruddin Housing Scheme, Johar Town Lahore

Our Ref. No. CL/CED/ 2713 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. SCM-203B-09-23 **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/8/2023 Tested on: 23/8/2023 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	Plant	15	7	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	Plant	15	7	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	---	15	7	2023	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
4	---	15	7	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
5	---	15	7	2023	6Diax12	---	13.8	28.28	41	3248	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

5722
Dr. Umbreen

To: Eng. Asad Rashid Choudhary, P.E.
Speed Construction Management (SCM)

Project: Construction of a New Building at Plot No. 25, Road 13, Khayaban-e-Kheruddin Housing Scheme, Johar Town Lahore

Our Ref. No. CL/CED/ 2714 **Dated:** 23/8/2023 **Test Specification**

Your Ref. No. SCM-203B-10-23 **Dated:** 16/8/2023 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/8/2023 **Tested on:** 23/8/2023 **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	Plant	18	7	2023	6Diax12	---	13.8	28.28	61	4832	---	Engraved
2	Plant	18	7	2023	6Diax12	---	14	28.28	47	3723	---	Engraved
3	---	18	7	2023	6Diax12	---	14	28.28	35	2772	---	Engraved
4	---	18	7	2023	6Diax12	---	14	28.28	49	3881	---	Engraved
5	---	18	7	2023	6Diax12	---	14	28.28	53	4198	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5728
Dr. Umbreen

To: **MEEZAN DEVELOPERS, Concept to Creation**
Main Boulevard Jubilee Town, Lahore.

Project: Construction of Jamia tur Rasheed Lahore Campus

Our Ref. No. CL/CED/ 2715 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. Nil **Dated: 17/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/8/2023 Tested on: 23/8/2023 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	BC-1	13	7	2023	6Diax12	---	14	28.28	63	4990	---	Engraved
2	BC-1	13	7	2023	6Diax12	---	14	28.28	61	4832	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5719
Dr. Umbreen

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Lajna Chowk Lahore

Our Ref. No. CL/CED/ 2716 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. PCS/23/Eng/105 **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16-08-23 **Tested on:** 23/8/2023 **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 (3000 Psi)	16	7	2023	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

5719
Dr. Umbreen

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Lajna Chowk Lahore

Our Ref. No. CL/CED/ 2717 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. PCS/23/Eng/104 **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16-08-23 **Tested on:** 23/8/2023 **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 (3000 Psi)	16	7	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5720
Dr. Umbreen

To: **Capt Usama Hassan Shah**
OC, 12 Fd Coy Engrs Sheikhupura Camp C/O Sigcen (FWO) Chaklala

Project: Construction of Kot Abdul Malik Interchange Project on M-2 (Rigid Pavement)

Our Ref. No. CL/CED/ 2718 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. 607/Gen/Proj **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/8/2023 Tested on: 23/8/2023 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	17	7	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	5000 Psi	17	7	2023	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
3	5000 Psi	17	7	2023	6Diax12	---	14	28.28	39	3089	---	Non Engraved
4	5000 Psi	17	7	2023	6Diax12	---	14	28.28	37	2931	---	Non Engraved
5	5000 Psi	17	7	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
6	5000 Psi	17	7	2023	6Diax12	---	14.8	28.28	43	3406	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

5727
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No. 15 Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore. (Slab of Ground Floor Bachelor Block)

Our Ref. No. CL/CED/ 2719 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. No. 3557 **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/8/2023 Tested on: 23/8/2023 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	14	7	2023	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
2	3000 Psi	14	7	2023	6Diax12	---	11.8	28.28	36	2851	---	Non Engraved
3	3000 Psi	14	7	2023	6Diax12	---	11.4	28.28	35	2772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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**

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.

5727
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No. 15 Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District Lahore. (Slab of Fifth Floor Family Block)

Our Ref. No. CL/CED/ 2720 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. No. 3553 **Dated: 15/8/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/8/2023 Tested on: 23/8/2023 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	14	7	2023	6Diax12	---	12	28.28	37	2931	---	Non Engraved
2	3000 Psi	14	7	2023	6Diax12	---	12	28.28	33	2614	---	Non Engraved
3	3000 Psi	14	7	2023	6Diax12	---	12	28.28	35	2772	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

5758
Dr. Umbreen

To: **Mr. Muhammad Adil**
Khushi Mohammad Construction Company

Project: Nil

Our Ref. No. CL/CED/ 2721 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. Nil **Dated: 22/8/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/8/2023 Tested on: 23/8/2023 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	---	17	7	2023	6x6x6	---	9	36	104	6471	---	Engraved
2	---	17	7	2023	6x6x6	---	9	36	120	7467	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

5749
Dr. Umbreen

To: **Mr. M. Faisal Bhatti**
Construction Manager, ITTEFAQ Building Solutions (Pvt) Ltd

Project: Construction of Mr. Imran Qamar Residence at Plot # 103, St. John's Park, Cantt, Lahore

Our Ref. No. CL/CED/ 2722 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. Nil **Dated: 21/8/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/8/2023 Tested on: 23/8/2023 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	Bsmnt- Retaining wall (4500 Psi)	12	8	2023	6x6x6	---	8.4	36	51	3173	---	Non Engraved
2	Bsmnt- Retaining wall (4500 Psi)	12	8	2023	6x6x6	---	8.4	36	49	3049	---	Non Engraved
3	Bsmnt- Retaining wall (4500 Psi)	12	8	2023	6x6x6	---	8.4	36	55	3422	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

5749
Dr. Umbreen

To: **M. M. Faisal Bhatti**
Construction Manager, ITTEFAQ Building Solutions (Pvt) Ltd

Project: Construction of Mr. Imran Qamar Residence at Plot # 103, St. John's Park, Cantt, Lahore

Our Ref. No. CL/CED/ 2723 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. Nil **Dated: 21/8/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/8/2023 Tested on: 23/8/2023 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	G/F Plinth Beam (3500 Psi)	5	8	2023	6x6x6	---	8.8	36	55	3422	---	Engraved
2	G/F Plinth Beam (3500 Psi)	5	8	2023	6x6x6	---	8.6	36	55	3422	---	Engraved
3	G/F Plinth Beam (3500 Psi)	5	8	2023	6x6x6	---	8.8	36	51	3173	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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**

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.

5761
Dr. Umbreen

To: **Mr. ASIM CHIRAGH, Resident Engineer**
Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Widening / Improvement of Manga Raiwind Road, Length 18.00 KM (Working Length = 15.50-KM) District Lahore

Our Ref. No. CL/CED/ 2724 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. 3811/103/ADP-23/AC/112 **Dated: 21/8/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/8/2023 Tested on: 23/8/2023 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	Conc. Cube (RCC Drain) Set 1	22	7	2023	6x6x6	---	8.6	36	79	4916	---	Non Engraved
2	Conc. Cube (RCC Drain) Set 1	22	7	2023	6x6x6	---	8.6	36	83	5164	---	Non Engraved
3	Conc. Cube (RCC Drain) Set 1	22	7	2023	6x6x6	---	8.6	36	41	2551	---	Non Engraved
4	Conc. Cube (RCC Drain) Set 2	23	7	2023	6x6x6	---	9	36	130	8089	---	Non Engraved
5	Conc. Cube (RCC Drain) Set 2	23	8	2023	6x6x6	---	8.6	36	81	5040	---	Non Engraved
6	Conc. Cube (RCC Drain) Set 2	23	7	2023	6x6x6	---	8.6	36	104	6471	---	Non Engraved
7	Conc. Cube (RCC Drain) Set 3	24	7	2023	6x6x6	---	8.6	36	110	6844	---	Non Engraved
8	Conc. Cube (RCC Drain) Set 3	24	7	2023	6x6x6	---	9	36	110	6844	---	Non Engraved
9	Conc. Cube (RCC Drain) Set 3	24	7	2023	6x6x6	---	8.6	36	114	7093	---	Non Engraved
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**

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.

5747
Dr. Umbreen

To: Deputy Director (Development)
Office of the Deputy Commissioner, Dera Ghazi Khan

Project: Request for Provision of Qualtiy Tests Results/ Reports of Tuff Tile Samples

Our Ref. No. CL/CED/ 2725 **Dated: 23/8/2023** **Test Specification**

Your Ref. No. DDD/DGK-2732-38 **Dated: 17/8/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/8/2023 **Tested on:** 23/8/2023 **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, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2830	30.42	110	8100	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2875	30.42	104	7658	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2985	30.42	106	7805	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2935	30.42	118	8689	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2945	30.42	114	8394	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2860	30.42	112	8247	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2870	30.42	114	8394	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2890	30.42	128	9425	---	---
9	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2785	30.42	114	8394	---	---
10	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2855	30.42	100	7364	---	---
11	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.5	---	3045	30.42	108	7953	---	---
12	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2910	30.42	108	7953	---	---
13	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2900	30.42	110	8100	---	---
14	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2985	30.42	110	8100	---	---
15	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	3000	30.42	112	8247	---	---
16	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2875	30.42	106	7805	---	---

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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5716
Dr. M. Yousaf

To: Mr. Sajjad Ali Memon
Resident Engineer, Pillar & Sons

Project: Rumanza Golf & Country Club, DHA Multan.

Our Ref. No. CL/CED/ 2726 **Dated:** 23/8/2023 **Test Specification**

Your Ref. No. P&S/OTH/GEN/00115 **Dated:** 08-08-23 (BS 6717)

COMPRESSION TEST REPORT

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

Specimens received on: 16/8/2023 **Tested on:** 22/8/2023 **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 3.1	3720	---	29.26	108	8268	---	9756
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3695	---	29.26	108	8268	---	9756
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3770	---	29.26	123	9416	---	11111
4	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3720	---	29.26	118	9033	---	10659
5	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3800	---	29.26	119	9110	---	10750
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	3845	---	29.64	87	6575	---	7759
7	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3720	---	29.26	122	9340	---	11021
8	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3730	---	29.26	97	7426	---	8763
9	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3670	---	29.26	124	9493	---	11202
10	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3720	---	29.26	116	8880	---	10478
11	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3650	---	29.26	120	9187	---	10841
12	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	3810	---	30.42	130	9573	---	11296
13	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.2	3815	---	30.42	115	8468	---	9992
14	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3670	---	29.26	106	8115	---	9576
15	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3705	---	29.26	119	9110	---	10750
16	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	3695	---	29.26	135	10335	---	12195

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.

5742
Dr. M. Yousaf

To: Mr. Muhammad Haider
Resident Engineer, VELOSI Integrity & Safety Pakistan Pvt. Ltd.

Project: Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University Located at Sargodha.

Our Ref. No. CL/CED/ 2727 Dated: 23-08-23 Test Specification

Your Ref. No. VISP/RC/SRG-11 Dated: 17-07-23 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18-08-23 **Tested on:** 22-08-23 **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	G.F Columns (5000 Psi)	20	6	2023	6x6x6	---	8.2	36	89	5538	---	Engraved
2	G.F Columns (5000 Psi)	20	6	2023	6x6x6	---	8.2	36	93	5787	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5743
Dr. M. Yousaf

To: **H.M. Ahsan Saif**
Resident Engineer, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 2728 **Dated: 23-08-23** **Test Specification**

Your Ref. No. VISP/135/AIOU/SWL/018 **Dated: 10-07-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-08-23 **Tested on:** 22-08-23 **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 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8.2	36	86	5351	---	Non Engraved
2	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8.4	36	81	5040	---	Non Engraved
3	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8.2	36	81	5040	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**