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.

8666
Dr. M. Yousaf

To: Mr. M. Mazhar Maqbool
G.M. (Planning & Admin), Kraftcon (Pvt) Limited

Project: BIO MASS BOILER AT AZGARD-9 LIMITED, MANGA MANDI.

Our Ref. No. CL/CED/ 7051 **Dated:** 1/15/2025

Your Ref. No. kpl/25/022 **Dated:** 1/14/2025

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 1/14/2025 **Tested on:** 1/15/2025 **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	Concrete Type C26	7	1	2025	6x6x6	---	8.8	36	44	2738	---	Non Engraved
2	Concrete Type C26	7	1	2025	6x6x6	---	8.6	36	38	2364	---	Non Engraved
3	Concrete Type C26	7	1	2025	6x6x6	---	8.8	36	40	2489	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8676
Dr. Qasim Khan

To: Resident Engineer
Metroplan-Asian JV, Site Office NSICTR, Phase-1, Pkg (A&D)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Package-D

Our Ref. No. CL/CED/ 7052 Dated: 15/1/2025

Your Ref. No. Metroplan Asian JV/ NS-ICTR/RE/25/025 Dated: 13/1/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/1/2025 Tested on: 15/1/2025 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 (5000 Psi)	5	1	2025	6Diax12	---	14.8	28.28	60	4752	---	Non Engraved
2	Raft (5000 Psi)	5	1	2025	6Diax12	---	14.6	28.28	65	5149	---	Non Engraved
3	Raft (5000 Psi)	5	1	2025	6Diax12	---	14.8	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. M. Numan AM-S IDAP; ME ASIAN CNIC 13503-6835389-9

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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8676
Dr. Qasim Khan

To: Resident Engineer
Metroplan-Asian JV, Site Office NSICTR, Phase-1, Pkg (A&D)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Package-D

Our Ref. No. CL/CED/ 7053 Dated: 15/1/2025

Your Ref. No. Metroplan Asian JV/ NS-ICTR/RE/25/025 Dated: 13/1/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/1/2025 Tested on: 15/1/2025 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 (5000 Psi)	15	12	2024	6Diax12	---	14.6	28.28	86	6812	---	Non Engraved
2	Raft (5000 Psi)	15	12	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
3	Raft (5000 Psi)	15	12	2024	6Diax12	---	14.6	28.28	115	9109	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. M. Numan AM-S IDAP; ME ASIAN CNIC 13503-6835389-9

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

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ORIGINAL
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8592
Dr. M. Mazhar

To: Mr. Huzaifa Javed
Lt Commander PN GE (Navy) Lahore

Project: CA No. ENC-N-33/2025- Construction of ADMIN BLOCK AT PN WAR COLLEGE WALTON LAHORE

Our Ref. No. CL/CED/ 7054 **Dated:** 15/1/2025

Your Ref. No. 6024/181/33/E-6 **Dated:** 1/6/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 7/1/2025 **Tested on:** 15/1/2025 **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	---	29	12	2024	6Diax12	---	14	28.28	48	3802	---	Engraved
2	---	29	12	2024	6Diax12	---	13.8	28.28	34	2693	---	Engraved
3	---	29	12	2024	6Diax12	---	14	28.28	52	4119	---	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 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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8616
Dr. M. Mazhar

To: Mr. Kamran Khan
Procurement Manager, Q-Links Construction

Project: Construction of Gold Souq, Bahria Town Lahore (Roof Beam & Slab of Basement)

Our Ref. No. CL/CED/ 7055 **Dated:** 15/1/2025

Your Ref. No. QLC-Gold-2024-LT-FGK-10 **Dated:** 1/9/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/1/2025 **Tested on:** 15/1/2025 **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	3500 Psi	10	12	2024	6Diax12	---	14	28.28	54	4277	---	Engraved
2	3500 Psi	10	12	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

8606
Dr. M. Mazhar

To: **High Rise Builders**
Johar Town, Lahore.

Project: Construction of 327 G3 Johar Town Lahore.

Our Ref. No. CL/CED/ 7056 **Dated: 15/1/2025** **Test Specification**

Your Ref. No. Nil **Dated: 1/8/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/8/2025 **Tested on:** 15/1/2025 **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	1	1	2025	6Diax12	---	14	28.28	36	2851	---	Non Engraved
2	3000 Psi	1	1	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

8613
Dr. M. Mazhar

To: Mr. Sufyan Uppal
Project Engineer, BAIG Construction CO., Rehmanpura, Lahore

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore (GF Col E/1,2,3,4, + F/1,2 ; GF Lift F/3,4 ; GF Col H/1,2,3,4)

Our Ref. No. CL/CED/ 7057 **Dated:** 15/1/2025 **Test Specification**

Your Ref. No. CT/UET/08012025/12 **Dated:** 1/8/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/1/2025 **Tested on:** 15/1/2025 **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	Cyl. No. 1 (5500 Psi)	2	12	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	Cyl. No. 3 (5500 Psi)	2	12	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	Cyl. No. 4 (5500 Psi)	2	12	2024	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
4	Cyl. No. 6 (5500 Psi)	2	12	2024	6Diax12	---	13.8	28.28	72	5703	---	Non Engraved
5	Cyl. No. 1 (5500 Psi)	4	12	2024	6Diax12	---	14.2	28.28	54	4277	---	Non Engraved
6	Cyl. No. 4 (5500 Psi)	4	12	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
7	Cyl. No. 6 (5500 Psi)	4	12	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
8	Cyl. No. 8 (5500 Psi)	4	12	2024	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
9	Cyl. No. 1 (5500 Psi)	6	12	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
10	Cyl. No. 4 (5500 Psi)	6	12	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
11	Cyl. No. 6 (5500 Psi)	6	12	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
12	Cyl. No. 8 (5500 Psi)	6	12	2024	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
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

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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.

8613
Dr. M. Mazhar

To: Mr. Sufyan Uppal
Project Engineer, BAIG Construction CO., Rehmanpura, Lahore

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore (FF Col G/6,7 + H/6,7 ; FF Col I,J, K,L/7 ; FF Col I, J, K, L/6 + G,H,I,J/5 ; GF Col A/1,2,3,4 + B/2,3,4 ; GF Col B/1 + C,D/1, 2,3,4)

Our Ref. No. CL/CED/ 7058-1 of 2 Dated: 15/1/2025

Your Ref. No. CT/UET/08012025/22 Dated: 1/8/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/1/2025 Tested on: 15/1/2025 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	Cyl. No. 1 (5500 Psi)	1	11	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Cyl. No. 3 (5500 Psi)	1	11	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	Cyl. No. 4 (5500 Psi)	1	11	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
4	Cyl. No. 6 (5500 Psi)	1	11	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
5	Cyl. No. 1 (5500 Psi)	4	11	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
6	Cyl. No. 4 (5500 Psi)	4	11	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
7	Cyl. No. 6 (5500 Psi)	4	11	2024	6Diax12	---	14	28.28	75	5941	---	Non Engraved
8	Cyl. No. 8 (5500 Psi)	4	11	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
9	Cyl. No. 1 (5500 Psi)	8	11	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
10	Cyl. No. 3 (5500 Psi)	8	11	2024	6Diax12	---	14	28.28	77	6099	---	Non Engraved
11	Cyl. No. 5 (5500 Psi)	8	11	2024	6Diax12	---	14	28.28	75	5941	---	Non Engraved
12	Cyl. No. 7 (5500 Psi)	8	11	2024	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
13	Cyl. No. 10 (5500 Psi)	8	11	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
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.

8613
Dr. M. Mazhar

To: Mr. Sufyan Uppal
Project Engineer, BAIG Construction CO., Rehmanpura, Lahore

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore (FF Col G/6,7 + H/6,7 ; FF Col I,J, K,L/7 ; FF Col I, J, K, L/6 + G,H,I,J/5 ; GF Col A/1,2,3,4 + B/2,3,4 ; GF Col B/1 + C,D/1, 2,3,4)

Our Ref. No. CL/CED/ 7058-2 of 2 Dated: 15/1/2025 **Test Specification**

Your Ref. No. CT/UET/08012025/22 Dated: 1/8/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/1/2025 Tested on: 15/1/2025 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	Cyl. No. 1 (5500 Psi)	12	11	2024	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	Cyl. No. 4 (5500 Psi)	12	11	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	Cyl. No. 6 (5500 Psi)	12	11	2024	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
4	Cyl. No. 8 (5500 Psi)	12	11	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
5	Cyl. No. 10 (5500 Psi)	12	11	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
6	Cyl. No. 1 (5500 Psi)	28	11	2024	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
7	Cyl. No. 4 (5500 Psi)	28	11	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
8	Cyl. No. 5 (5500 Psi)	28	11	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
9	Cyl. No. 10 (5500 Psi)	28	11	2024	6Diax12	---	13.6	28.28	56	4436	---	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 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.

8587
Dr. M. Mazhar

To: Mr. Aqeel Aslam
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore (Slab of 7th Floor)

Our Ref. No. CL/CED/ 7059 Dated: 15/1/2025

Your Ref. No. FMH/RAF/con/41 Dated: 1/6/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/1/2025 Tested on: 15/1/2025 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	31	12	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	3000 Psi	31	12	2024	6Diax12	---	14	28.28	55	4356	---	Non Engraved
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.

8587
Dr. M. Mazhar

To: Mr. Aqeel Aslam
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore (Lift Wall of 6th Floor)

Our Ref. No. CL/CED/ 7060 **Dated:** 15/1/2025

Your Ref. No. FMH/RAF/con/40 **Dated:** 1/6/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/1/2025 **Tested on:** 15/1/2025 **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	4000 Psi	26	12	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	4000 Psi	26	12	2024	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

8587
Dr. M. Mazhar

To: **Mr. Aqeel Aslam**
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore (Lift Wall of 5th Floor)

Our Ref. No. CL/CED/ 7061 **Dated: 15/1/2025**

Your Ref. No. FMH/RAF/con/42 **Dated: 1/6/2025**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/1/2025 **Tested on:** 15/1/2025 **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	4000 Psi	11	12	2024	6Diax12	---	13.6	28.28	77	6099	---	Engraved
2	4000 Psi	11	12	2024	6Diax12	---	14	28.28	83	6574	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

8537
Dr. Aqsa

To: Noor Ul Huda
Quntity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 7062 Dated: 15/1/2025

Your Ref. No. PCS/24/Eng/103-C Dated: 30/12/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 Tested on: 1/14/2025 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	Top Roof Slab P-02 (3000 Psi)	11	11	2024	6Diax12	---	13.2	28.28	68	5386	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

8537
Dr. Aqsa

To: Noor Ul Huda
Quntity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Limited Link Road Branch, Lahore

Our Ref. No. CL/CED/ 7063 **Dated:** 15/1/2025

Your Ref. No. PCS/24/Eng/103-B **Dated:** 30/12/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 **Tested on:** 1/14/2025 **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	Top Roof Slab P-02 (3000 Psi)	11	11	2024	6Diax12	---	13	28.28	72	5703	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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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.

8537
Dr. Aqsa

To: Noor Ul Huda
Quntity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Limited Link Road Branch, Lahore

Our Ref. No. CL/CED/ 7064 Dated: 15/1/2025

Your Ref. No. PCS/24/Eng/103-A Dated: 30/12/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 Tested on: 15/1/2025 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	Ground Floor Slab P-02 (3000 Psi)	29	10	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8557
Dr. M. Yousaf

To: Resident Engineer
Construction of Autism School Lhr, MASCON Associates & HA Consulting

Project: Construction of AUTISM SCHOOL, Lahore.

Our Ref. No. CL/CED/ 7065 Dated: 15/1/2025 Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/001 Dated: 16/12/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/13/2025 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	N	---	---	---	8.9 x 4.2 x 3	3645	3235	37.38	33	1978	12.67	---
2	N	---	---	---	8.9 x 4.2 x 2.9	3745	3245	37.38	35	2097	15.41	---
3	N	---	---	---	9 x 4.2 x 3	3790	3235	37.8	38	2252	17.16	---
4	39	---	---	---	9 x 4.2 x 2.9	3615	3165	37.8	29	1719	14.22	---
5	39	---	---	---	8.9 x 4.3 x 3	3685	3280	38.27	37	2166	12.35	---
6	39	---	---	---	8.8 x 4.2 x 2.9	3550	3165	36.96	33	2000	12.16	---
7	ASJ	---	---	---	9 x 4.3 x 3	3810	3350	38.7	30	1736	13.73	---
8	ASJ	---	---	---	8.9 x 4.4 x 3	3840	3375	39.16	24	1373	13.78	---
9	ASJ	---	---	---	8.9 x 4.3 x 3	3720	3400	38.27	33	1932	9.41	---
10	Y	---	---	---	9 x 4.4 x 3	3965	3480	39.6	36	2036	13.94	---
11	Y	---	---	---	8.9 x 4.3 x 2.9	3665	3320	38.27	40	2341	10.39	---
12	Y	---	---	---	9 x 4.4 x 3	3710	3195	39.6	34	1923	16.12	---
13	U7	---	---	---	8.9 x 4.2 x 2.8	3605	3195	37.38	42	2517	12.83	---
14	U7	---	---	---	8.9 x 4.2 x 2.8	3710	3375	37.38	45	2697	9.93	---
15	U7	---	---	---	8.8 x 4.2 x 2.9	3965	3400	36.96	42	2545	16.62	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
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

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

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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.

8625
Dr. Aqsa

To: Mr. Irfan Niaz
Director/ Chief Executive, Concrete OASIS (SMC Pvt Ltd)

Project: Nil

Our Ref. No. CL/CED/ 7066 **Dated:** 15/1/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 1/8/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 1/10/2025 **Tested on:** 1/14/2025 **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	Solid Block	---	---	---	11.9 x 6 x 8	---	20	71.4	68	2133	---	---
2	Solid Block	---	---	---	12 x 6 x 8	---	19.6	72	56	1742	---	---
3	Solid Block	---	---	---	11.9 x 6 x 8	---	19.6	71.4	47	1475	---	---
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/

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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.

8623
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No. 12, Lahore

Project: Revamping of OLD BLOCKS of Punjab Institute of Mental Health Lahore

Our Ref. No. CL/CED/ 7067 **Dated:** 15/1/2025 **Test Specification**

Your Ref. No. No. 12 **Dated:** 1/7/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 1/10/2025 **Tested on:** 1/14/2025 **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, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2790	29.64	87	6575	---	---
2	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2825	29.64	70	5290	---	---
3	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2820	29.64	86	6499	---	---
4	Rectangular, Grey, 60 mm	---	---	---	7.8 x 3.8 x 2.3	---	2640	29.64	82	6197	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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