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.

8644
Dr. M. Yousaf

To: Mr. Manzoor Ahmad Joya
Resident Engineer, NESPAK (Pvt) Ltd.

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura. (Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 7068 Dated: 1/16/2025

Your Ref. No. 3844/311/RE/031 Dated: 1/11/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/13/2025 Tested on: 1/16/2025 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	R 01	5	1	2024	6Diax12	---	13.4	28.28	32	2535	---	Engraved
2	R 01	5	1	2024	6Diax12	---	14	28.28	36	2851	---	Engraved
3	R 01	5	1	2024	6Diax12	---	14	28.28	34	2693	---	Engraved
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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 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.

8675
Dr. M. Yousaf

To: Mr. Aziz Ur Rehman
ER / Assistant Resident Engineer, ACE Architectural & Town Planning Services Limited

Project: Resident Construction Supervision for Construction of NET ZERO Energy Building (ACEIP, DLI-8), Lahore. (Admixture: Fosspak SP 588-S)

Our Ref. No. CL/CED/ 7069 Dated: 1/16/2025 **Test Specification**

Your Ref. No. RE/NZEB/ACE/LAB/2025/01 Dated: 1/14/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/15/2025 Tested on: 1/16/2025 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	Lab Curing (5000 Psi)	16	12	2024	6Diax12	---	14	28.28	93	7366	---	Non Engraved
2	Lab Curing (5000 Psi)	16	12	2024	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	Lab Curing (5000 Psi)	16	12	2024	6Diax12	---	14	28.28	75	5941	---	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)
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.

8675
Dr. M. Yousaf

To: Mr. Aziz Ur Rehman
ER / Assistant Resident Engineer, ACE Architectural & Town Planning Services Limited

Project: Resident Construction Supervision for Construction of NET ZERO Energy Building (ACEIP, DLI-8), Lahore. (Admixture: Fosspak SP 511)

Our Ref. No. CL/CED/ 7070 Dated: 1/16/2025 **Test Specification**

Your Ref. No. RE/NZEB/ACE/LAB/2025/02 Dated: 1/14/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/15/2025 Tested on: 1/16/2025 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	Lab Curing (3000 Psi)	17	12	2024	6Diax12	---	13.6	28.28	72	5703	---	Non Engraved
2	Lab Curing (3000 Psi)	17	12	2024	6Diax12	---	13.6	28.28	52	4119	---	Non Engraved
3	Lab Curing (3000 Psi)	17	12	2024	6Diax12	---	13.6	28.28	54	4277	---	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 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.

8682
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/ 7071 **Dated:** 1/16/2025

Your Ref. No. kpl/25/024 **Dated:** 1/15/2025

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 1/16/2025 **Tested on:** 1/16/2025 **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 (3750 Psi)	8	1	2025	6x6x6	---	8.8	36	38	2364	---	Non Engraved
2	Concrete Type C26 (3750 Psi)	8	1	2025	6x6x6	---	9	36	43	2676	---	Non Engraved
3	Concrete Type C26 (3750 Psi)	8	1	2025	6x6x6	---	9	36	38	2364	---	Non Engraved
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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 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.

8680
Dr. M. Yousaf

To: **Sheikh Atif Mahmood**
New Garden Town, Lahore.

Project: Master Heights

Our Ref. No. CL/CED/ 7072 **Dated: 1/16/2025** **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: 1/16/2025 Tested on: 1/16/2025 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	10	12	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	Raft	10	12	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: SH. ATIF MAHMOOD

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

8636
Dr. M. Yousaf

To: Resident Engineer
G3 Engineering Consultants (Pvt) Ltd, The Women University Multan

Project: Construction of Academic Block for Pharmacy and Computer Science at Mattital Campus The Women University Multan (Mumty Column- J, K, L/1-2)

Our Ref. No. CL/CED/ 7073 Dated: 16/1/2025 Test Specification

Your Ref. No. REG3/WUM/512 Dated: 1/4/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	(1:1.5:3)	7	12	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
2	(1:1.5:3)	7	12	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	(1:1.5:3)	7	12	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8636
Dr. M. Yousaf

To: Resident Engineer
G3 Engineering Consultants (Pvt) Ltd, The Women University Multan

Project: Construction of Academic Block for Pharmacy and Computer Science at Mattital Campus The Women University Multan (Lift Wall SF - 7-8/I-J)

Our Ref. No. CL/CED/ 7074 Dated: 16/1/2025 **Test Specification**

Your Ref. No. REG3/WUM/513 Dated: 1/5/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 **Tested on:** 16/1/2025 **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	(1:1.5:3)	8	12	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	(1:1.5:3)	8	12	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	(1:1.5:3)	8	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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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.

8636
Dr. M. Yousaf

To: Resident Engineer
G3 Engineering Consultants (Pvt) Ltd, The Women University Multan

Project: Construction of Academic Block for Pharmacy and Computer Science at Mattital Campus The Women University Multan (Parapet Wall- 1-10/A-P)

Our Ref. No. CL/CED/ 7075 Dated: 16/1/2025 **Test Specification**

Your Ref. No. REG3/WUM/514 Dated: 1/5/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 **Tested on:** 16/1/2025 **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	(1:2:4)	8	12	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	(1:2:4)	8	12	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	(1:2:4)	8	12	2024	6Diax12	---	14	28.28	53	4198	---	Non Engraved
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
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.

8636
Dr. M. Yousaf

To: Resident Engineer
G3 Engineering Consultants (Pvt) Ltd, The Women University Multan

Project: Construction of Academic Block for Pharmacy and Computer Science at Mattital Campus The Women University Multan (Parapet Wall- 11-16/A-P)

Our Ref. No. CL/CED/ 7076 Dated: 16/1/2025

Your Ref. No. REG3/WUM/515 Dated: 1/7/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	(1:2:4)	10	12	2024	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
2	(1:2:4)	10	12	2024	6Diax12	---	14.4	28.28	53	4198	---	Non Engraved
3	(1:2:4)	10	12	2024	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

8636
Dr. M. Yousaf

To: Resident Engineer
G3 Engineering Consultants (Pvt) Ltd, The Women University Multan

Project: Construction of Academic Block for Pharmacy and Computer Science at Mattital Campus The Women University Multan (SF Beam and Slab - 17-24/A-P)

Our Ref. No. CL/CED/ 7077 Dated: 16/1/2025 **Test Specification**

Your Ref. No. REG3/WUM/516 Dated: 1/10/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 **Tested on:** 16/1/2025 **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	(1:2:4)	13	12	2024	6Diax12	---	14.6	28.28	58	4594	---	Non Engraved
2	(1:2:4)	13	12	2024	6Diax12	---	14.6	28.28	58	4594	---	Non Engraved
3	(1:2:4)	13	12	2024	6Diax12	---	14.4	28.28	50	3960	---	Non Engraved
4	(1:2:4)	13	12	2024	6Diax12	---	14.6	28.28	67	5307	---	Non Engraved
5	(1:2:4)	13	12	2024	6Diax12	---	14.8	28.28	63	4990	---	Non Engraved
6	(1:2:4)	13	12	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
7	(1:2:4)	13	12	2024	6Diax12	---	14.8	28.28	63	4990	---	Non Engraved
8	(1:2:4)	13	12	2024	6Diax12	---	14.6	28.28	58	4594	---	Non Engraved
9	(1:2:4)	13	12	2024	6Diax12	---	14.4	28.28	56	4436	---	Non Engraved
10	(1:2:4)	13	12	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
11	(1:2:4)	13	12	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
12	(1:2:4)	13	12	2024	6Diax12	---	14.2	28.28	62	4911	---	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

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.

8449
Dr. M. Yousaf

To: AL HADEED CORPORATION
Head Office, Liberty Tower, Gulberg III, Lahore

Project: Construction of Shell Petrol Pump at Yateem Khana, Lahore.

Our Ref. No. CL/CED/ 7078 **Dated:** 16/1/2025

Your Ref. No. AHC/559/12 **Dated:** 17/12/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/12/2024 **Tested on:** 16/1/2025 **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	---	18	11	2024	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
2	---	18	11	2024	6Diax12	---	14	28.28	52	4119	---	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.

8650
Dr. M. Yousaf

To: Mr. Sulman
Material Manager, Blue Horizon Consultants, Wapda Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), K Block, Valancia Society, Lahore

Our Ref. No. CL/CED/ 7079 **Dated:** 16/1/2025 **Test Specification**

Your Ref. No. 013 **Dated:** 1/9/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 **Tested on:** 16/1/2025 **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	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14.2	28.28	69	5465	---	Non Engraved
2	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
4	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
5	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
6	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14.4	28.28	68	5386	---	Non Engraved
7	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
8	(1:2:4) 3000 Psi	4	1	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

8650
Dr. M. Yousaf

To: Mr. Sulman
Material Engineer, Blue Horizon Consultants, Wapda Town, Lahore

Project: 4-Storey Commercial Building Construction (Frame Structure), K Block, Valancia Society, Lahore

Our Ref. No. CL/CED/ 7080 **Dated:** 16/1/2025

Your Ref. No. 014 **Dated:** 1/9/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 **Tested on:** 16/1/2025 **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	(1:1.5:3) 4000 Psi	4	1	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	(1:1.5:3) 4000 Psi	4	1	2025	6Diax12	---	14	28.28	65	5149	---	Non Engraved
3	(1:1.5:3) 4000 Psi	4	1	2025	6Diax12	---	15	28.28	78	6178	---	Non Engraved
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
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.

8637
Dr. M. Yousaf

To: Project Manager
SUNSHINE HEALTHCARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 7081 Dated: 16/1/2025

Your Ref. No. Nil Dated: 1/10/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	Slab Water Dipped	10	12	2024	6Diax12	---	14	28.28	57	4515	---	Engraved
2	Slab Water Dipped	10	12	2024	6Diax12	---	14	28.28	61	4832	---	Engraved
3	Slab Field Curing	10	12	2024	6Diax12	---	13.4	28.28	62	4911	---	Engraved
4	Slab Field Curing	10	12	2024	6Diax12	---	14	28.28	58	4594	---	Engraved
5	Wall Water Dipped	13	12	2024	6Diax12	---	14	28.28	85	6733	---	Engraved
6	Wall Water Dipped	13	12	2024	6Diax12	---	14	28.28	84	6653	---	Engraved
7	Wall Field Curing	13	12	2024	6Diax12	---	14.2	28.28	84	6653	---	Engraved
8	Wall Field Curing	13	12	2024	6Diax12	---	14.4	28.28	71	5624	---	Engraved
9	Slab Water Dipped	22	12	2024	6Diax12	---	13.8	28.28	54	4277	---	Engraved
10	Slab Water Dipped	22	12	2024	6Diax12	---	14	28.28	51	4040	---	Engraved
11	Slab Field Curing	22	12	2024	6Diax12	---	14	28.28	50	3960	---	Engraved
12	Slab Field Curing	22	12	2024	6Diax12	---	13	28.28	47	3723	---	Engraved
13	Slab Water Dipped	30	12	2024	6Diax12	---	14	28.28	64	5069	---	Engraved
14	Slab Water Dipped	30	12	2024	6Diax12	---	13.4	28.28	57	4515	---	Engraved
15	Slab Field Curing	30	12	2024	6Diax12	---	13.8	28.28	48	3802	---	Engraved
16	Slab Field Curing	30	12	2024	6Diax12	---	14	28.28	44	3485	---	Engraved

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.

8588
Dr. Aqsa

To: Mr. Muhammad Shafiq
Assistant Resident Engineer, Package-III (PCP) Kamalia

Project: Improvement of Sewerage System and Construction of Waste Water Treatment Plant (WWTP)-Kamalia City. (Package-1 Sewerage System)

Our Ref. No. CL/CED/ 7082 Dated: 16/1/2025

Your Ref. No. MMP/1095/Kamalia/SEW/74/2024 Dated: 12/5/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 6/1/2025 Tested on: 16/1/2025 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	(1:1.5:3) 4000 Psi	10	11	2024	6Diax12	---	14	28.28	73	5782	---	Engraved
2	(1:1.5:3) 4000 Psi	10	11	2024	6Diax12	---	14	28.28	79	6257	---	Engraved
3	(1:1.5:3) 4000 Psi	10	11	2024	6Diax12	---	14	28.28	64	5069	---	Engraved
4	(1:1.5:3) 4000 Psi	11	11	2024	6Diax12	---	14.6	28.28	81	6416	---	Engraved
5	(1:1.5:3) 4000 Psi	11	11	2024	6Diax12	---	14	28.28	70	5545	---	Engraved
6	(1:1.5:3) 4000 Psi	11	11	2024	6Diax12	---	14.4	28.28	81	6416	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Shafiq, ARE Kamalia, CNIC # 36304-2378145-9

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**

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.

8646
Dr. M. Yousaf

To: Assistant Resident Engineer
Resident Supervision 16 Cities of Punjab, Package No. 1 (Jhelum), MM Pakistan (Pvt) Ltd

Project: Storm Water Drainage Facilities in Jhelum

Our Ref. No. CL/CED/ 7083 Dated: 16/1/2025

Your Ref. No. ARE/JHE-SWDF/MC-03 Dated: 13/1/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	RCC Bed- Trunk Line (1:1.5:3)	8	1	2025	6x6x6	---	8.4	36	44	2738	---	Engraved
2	RCC Bed- Trunk Line (1:1.5:3)	8	1	2025	6x6x6	---	8.4	36	34	2116	---	Engraved
3	RCC Bed- Trunk Line (1:1.5:3)	8	1	2025	6x6x6	---	8.4	36	45	2800	---	Engraved
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Witnessed by: Mr. Waqas, CNIC 35201-3327381-9

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

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
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8646
Dr. M. Yousaf

To: Assistant Resident Engineer
Resident Supervision 16 Cities of Punjab, Package No. 1 (Jhelum), MM Pakistan (Pvt) Ltd

Project: Construction of Kala Gujran Park in Jhelum City

Our Ref. No. CL/CED/ 7084 Dated: 16/1/2025

Your Ref. No. ARE/JHE-KGP/MC-24 Dated: 13/1/2025

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	Indoor Sports Area-RCC (1:2:4)	29	12	2024	6x6x6	---	8.6	36	60	3733	---	Engraved
2	Indoor Sports Area-RCC (1:2:4)	29	12	2024	6x6x6	---	8.6	36	54	3360	---	Engraved
3	Indoor Sports Area-RCC (1:2:4)	29	12	2024	6x6x6	---	8.4	36	52	3236	---	Engraved
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Witnessed by: Mr. Waqas, CNIC 35201-3327381-9

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

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.

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

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8646
Dr. M. Yousaf

To: Assistant Resident Engineer
Resident Supervision 16 Cities of Punjab, Package No. 1 (Jhelum), MM Pakistan (Pvt) Ltd

Project: Construction of Kala Gujran Park in Jhelum City

Our Ref. No. CL/CED/ 7085 Dated: 16/1/2025

Your Ref. No. ARE/JHE-KGP/MC-25 Dated: 13/1/2025

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2025 Tested on: 16/1/2025 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	Cricket Arena- RCC (1:2:4)	26	12	2024	6x6x6	---	8.2	36	44	2738	---	Engraved
2	Cricket Arena- RCC (1:2:4)	26	12	2024	6x6x6	---	8.4	36	44	2738	---	Engraved
3	Cricket Arena- RCC (1:2:4)	26	12	2024	6x6x6	---	8.2	36	44	2738	---	Engraved
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Witnessed by: Mr. Waqas, CNIC 35201-3327381-9

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

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