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.

8628
Dr. Asif Hameed

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

Project: Commercial Tower, Finance Trade Centre, Lahore (11th Floor Columns H~N'/1~4' & 10th Floor Shear Wall F'~G'/1~3)

Our Ref. No. CL/CED/ 7011 **Dated: 1/10/2025** **Test Specification**

Your Ref. No. HMBDPL/S.O/01/25/161 (LHR) **Dated: 1/10/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/10/2025 **Tested on:** 1/10/2025 **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	CT-174 (5000 Psi)	12	12	2024	6Diax12	---	15	28.28	81	6416	---	Non Engraved
2	CT-174 (5000 Psi)	12	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	CT-174 (5000 Psi)	12	12	2024	6Diax12	---	14	28.28	81	6416	---	Non Engraved
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Witnessed by: HMBD, CNIC # 33103-0209597-3

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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8598
Engr. A. Rehman

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

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (PACKAGE-C)

Our Ref. No. CL/CED/ 7012 Dated: 1/10/2025 Test Specification

Your Ref. No. Metroplan Asian JV-NSICTR-(PKG-C)-RE-22 Dated: 1/7/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 1/7/2025 Tested on: 1/10/2025 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, # 3	---	---	---	11.9 x 5.9 x 8	---	20.6	70.21	101	3222	---	Novel Concrete
2	Solid Block, # 3	---	---	---	11.9 x 6 x 8	---	21.4	71.4	105	3294	---	Novel Concrete
3	Solid Block, # 3	---	---	---	11.8 x 5.9 x 8	---	23.6	69.62	111	3571	---	Novel Concrete
4	Solid Block, # 3	---	---	---	11.9 x 5.8 x 8	---	20	69.02	95	3083	---	Novel Concrete
5	Solid Block, # 3	---	---	---	11.9 x 6 x 8	---	22	71.4	113	3545	---	Novel Concrete
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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
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ORIGINAL
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8598
Engr. A. Rehman

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

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (PACKAGE-C)

Our Ref. No. CL/CED/ 7013 Dated: 1/10/2025 Test Specification

Your Ref. No. Metroplan Asian JV-NSICTR-(PKG-C)-RE-23 Dated: 1/7/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 1/7/2025 Tested on: 1/10/2025 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, # 4	---	---	---	12 x 5.9 x 8	---	22.4	70.8	125	3955	---	Novel Concrete
2	Solid Block, # 4	---	---	---	11.9 x 5.9 x 8	---	23.2	70.21	132	4211	---	Novel Concrete
3	Solid Block, # 4	---	---	---	12 x 6 x 8	---	23	72	115	3578	---	Novel Concrete
4	Solid Block, # 4	---	---	---	11.9 x 5.9 x 8	---	19.4	70.21	62	1978	---	Novel Concrete
5	Solid Block, # 4	---	---	---	11.9 x 5.8 x 8	---	22.8	69.02	109	3538	---	Novel Concrete
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Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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ORIGINAL
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8521
Engr. A. Rehman

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant

Project: Upgradation & Modernization of Pakistan Mint Phase II-A Shalimar Town GT Road Lahore

Our Ref. No. CL/CED/ 7014 Dated: 1/10/2025

Your Ref. No. NVEC/RE/PAKMINT/2024/66 Dated: 26/12/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/27/2024 Tested on: 1/10/2025 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	Bracing Lv Beams & Slabs 4ksi	17	12	2024	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
2	Bracing Lv Beams & Slabs 4ksi	17	12	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Bracing Lv Beams & Slabs 4ksi	17	12	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	Block-1 Col. B.B to Roof Slab 5ksi	17	12	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
5	Block-1 Col. B.B to Roof Slab 5ksi	17	12	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
6	Block-1 Col. B.B to Roof Slab 5ksi	17	12	2024	6Diax12	---	14	28.28	72	5703	---	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)
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Civil Engineering Department
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ORIGINAL
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8583
Engr. A. Rehman

To: Mr. Muhammad Sajjad
Project Incharge

Project: Construction of House No. 60, C Block Model Town Lahore.

Our Ref. No. CL/CED/ 7015 **Dated: 1/10/2025** **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: 1/6/2025 **Tested on:** 1/10/2025 **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	4th Floor Slab (3000 Psi)	25	12	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	4th Floor Slab (3000 Psi)	25	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	4th Floor Slab (3000 Psi)	25	12	2024	6Diax12	---	14	28.28	65	5149	---	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
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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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8576
Engr. A. Rehman

To: Ibna Al Aziz Construction Company
Ahmad Associates, New Garden Town, Lahore.

Project: 18 KM Ferozepur Road Descon Head Quarter Lahore.

Our Ref. No. CL/CED/ 7016 **Dated:** 1/10/2025 **Test Specification**

Your Ref. No. I AA -131270 **Dated:** 1/3/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/7/2025 **Tested on:** 1/10/2025 **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	7	12	2024	6Diax12	---	14.2	28.28	55	4356	---	Engraved
2	3000 Psi	7	12	2024	6Diax12	---	14.2	28.28	64	5069	---	Engraved
3	3000 Psi	7	12	2024	6Diax12	---	14	28.28	52	4119	---	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 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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ORIGINAL
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8591
Dr. Umbreen

To: Mr. Abdul Baseet
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by AJWA Builders (Main Building 7th Floor Zone-02, Shear Wall-03 Grid: C~D/9, Column #04 Grid: C,H'/7,8)

Our Ref. No. CL/CED/ 7017 Dated: 1/10/2025

Your Ref. No. DOC-BMC/AJWA/177 Dated: 1/7/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/7/2025 Tested on: 1/9/2025 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	(6000 Psi)	6	12	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	(6000 Psi)	6	12	2024	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	(6000 Psi)	6	12	2024	6Diax12	---	14.4	28.28	66	5228	---	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

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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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8577
Engr. A. Rehman

To: Mr. Muhammad Arfan Asif
Engineer's Representative, NESPAK (Pvt) Ltd & TurkPak (Pvt) Ltd

Project: Construction of Green Building for EMC, EPD and Allied New Entities Established under PGDP (DLI-2, PGDP) Lahore

Our Ref. No. CL/CED/ 7018 Dated: 1/10/2025 **Test Specification**

Your Ref. No. 4731/MAA/04/128 Dated: 25/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/3/2025 Tested on: 1/10/2025 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	6th Floor Slab	19	11	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
2	6th Floor Slab	19	11	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	6th Floor Slab	19	11	2024	6Diax12	---	14	28.28	58	4594	---	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.

8548
Engr. A. Rehman

To: Engr. Muhammad Farooq Memon
Resident Engineer, Mteroplan-Asian JV, Site Office NSIC-Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha (Main Building Shear Wall & Columns at Height of 31'8" F~G/ 2~4 CJ-2)

Our Ref. No. CL/CED/ 7019 Dated: 1/10/2025 **Test Specification**

Your Ref. No. Metrop-Asian-JV/IDAP-NSIC-LAB/MB-SGD-RE/150 Dated: 30/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 Tested on: 1/10/2025 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	5000 Psi	2	12	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	5000 Psi	2	12	2024	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
3	5000 Psi	2	12	2024	6Diax12	---	14	28.28	85	6733	---	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.

8542
Engr. A. Rehman

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant

Project: Upgradation & Modernization of Pakistan Mint Phase II-A, Shalimar Town GT Road Lahore (Slab Roof & Beam Grid 16'/23~A/D)

Our Ref. No. CL/CED/ 7020 Dated: 1/10/2025 Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2024/68 Dated: 30/12/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31/12/2024 Tested on: 1/10/2025 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	27	11	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	4000 Psi	27	11	2024	6Diax12	---	12.4	28.28	64	5069	---	Non Engraved
3	4000 Psi	27	11	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
4	4000 Psi	27	11	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
5	4000 Psi	27	11	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
6	4000 Psi	27	11	2024	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
7	4000 Psi	27	11	2024	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
8	4000 Psi	27	11	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
9	4000 Psi	27	11	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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

8582
Engr. A. Rehman

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Allied Bank Limited Sheikh Cotton Colony Branch, Vehari (1051) & Regional Office, Vehari

Our Ref. No. CL/CED/ 7021 **Dated:** 1/10/2025

Your Ref. No. PCS/25/Eng-2B **Dated:** 1/6/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/6/2025 **Tested on:** 1/10/2025 **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	3rd Floor Slab / Top Slab	14	11	2024	6Diax12	---	13	28.28	66	5228	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8582
Engr. A. Rehman

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Allied Bank Limited Sheikh Cotton Colony Branch, Vehari (1051) & Regional Office, Vehari

Our Ref. No. CL/CED/ 7022 **Dated:** 1/10/2025

Your Ref. No. PCS/25/Eng-2A **Dated:** 1/6/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/6/2025 **Tested on:** 1/10/2025 **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	3rd Floor Slab / Top Slab	14	11	2024	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

8559
Engr. A. Rehman

To: M. Saleem Construction Company, Engineers & Contractors
Lahore Road, Sheikhupura

Project: UPS Room

Our Ref. No. CL/CED/ 7023 **Dated:** 1/10/2025

Your Ref. No. Cube Test **Dated:** 1/1/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 **Tested on:** 1/10/2025 **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	Beam B-1 (3750 Psi)	29	10	2024	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
2	Beam B-1 (3750 Psi)	29	10	2024	6Diax12	---	13.2	28.28	68	5386	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

8559
Engr. A. Rehman

To: M. Saleem Construction Company, Engineers & Contractors
Lahore Road, Sheikhupura

Project: UPS Room

Our Ref. No. CL/CED/ 7024 Dated: 1/10/2025

Your Ref. No. Cube Test Dated: 1/1/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/10/2025 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 G.F. (3750 Psi)	5	11	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	Slab G.F. (3750 Psi)	5	11	2024	6Diax12	---	14	28.28	54	4277	---	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
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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)
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Plain and Reinforced Concrete Laboratory
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ORIGINAL
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8559
Engr. A. Rehman

To: M. Saleem Construction Company, Engineers & Contractors
Lahore Road, Sheikhupura

Project: Mazznine Floor

Our Ref. No. CL/CED/ 7025 Dated: 1/10/2025

Your Ref. No. Cube Test Dated: 1/1/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/10/2025 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	Footing F-3 (3750 Psi)	3	11	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	Footing F-3 (3750 Psi)	3	11	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 compressive strength

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

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

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

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ORIGINAL
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8559
Engr. A. Rehman

To: **M. Saleem Construction Company, Engineers & Contractors**
Lahore Road, Sheikhupura

Project: Mazznine Floor

Our Ref. No. CL/CED/ 7026 **Dated: 1/10/2025** **Test Specification**

Your Ref. No. Cube Test **Dated: 1/1/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 **Tested on:** 1/10/2025 **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 (3750 Psi)	10	12	2024	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
2	Slab (3750 Psi)	10	12	2024	6Diax12	---	13.4	28.28	48	3802	---	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

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.

8559
Engr. A. Rehman

To: M. Saleem Construction Company, Engineers & Contractors
Lahore Road, Sheikhupura

Project: Mazznine Floor

Our Ref. No. CL/CED/ 7027 Dated: 1/10/2025

Your Ref. No. Cube Test Dated: 1/1/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 Tested on: 1/10/2025 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	Beam B-4 (3750 Psi)	24	11	2024	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	Beam B-4 (3750 Psi)	24	11	2024	6Diax12	---	14	28.28	44	3485	---	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 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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Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/1/2025 **Tested on:** 1/10/2025 **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	Column C-1 (4000 Psi)	8	11	2024	6Diax12	---	13.2	28.28	36	2851	---	Engraved
2	Column C-1 (4000 Psi)	8	11	2024	6Diax12	---	13.4	28.28	40	3168	---	Engraved
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