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.

9082
Dr. Qasim Khan

To: Engr. Ibtisam Azam
Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7655 Dated: 12/03/2025 **Test Specification**

Your Ref. No. MEL/F-24-12-0064 Dated: 11/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/03/2025 **Tested on:** 11/03/2025 **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	Super Structure Columns	6	2	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
2	Super Structure Columns	6	2	2025	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9082
Dr. Qasim Khan

To: Engr. Ibtisam Azam
Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7656 Dated: 12/03/2025 Test Specification

Your Ref. No. MEL/F-24-12-0063 Dated: 11/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/03/2025 Tested on: 11/03/2025 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	Plinth Beam	5	2	2025	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
2	Plinth Beam	5	2	2025	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9082
Dr. Qasim Khan

To: Engr. Ibtisam Azam
Project Manager (Civil Department), MAH'D ENGINEERS (PVT) LTD.

Project: Construction of A-Level School Building at PARCO Qasba Gujrat Mehmood Kot.

Our Ref. No. CL/CED/ 7657 Dated: 12/03/2025 **Test Specification**

Your Ref. No. MEL/F-24-12-0065 Dated: 11/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/03/2025 Tested on: 11/03/2025 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	Super Structure Columns	8	2	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
2	Super Structure Columns	8	2	2025	6Diax12	---	14	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9028
Dr. M. Yousaf

To: Dr. Adil Khan
Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied Works Package)

Our Ref. No. CL/CED/ 7658 Dated: 12/03/2025 Test Specification

Your Ref. No. 4700/13/DAK/02/59 Dated: 08/11/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2025 Tested on: 10/03/2025 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, 80mm	---	---	---	7.8x3.8x3.1	---	3620	29.64	93	7028	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3595	29.64	68	5139	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3795	29.64	68	5139	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9053
Dr. Aqsa

To: Noor Fatima
100-B- III Gulberg III Lahore

Project: Nil

Our Ref. No. CL/CED/ 7659 **Dated:** 12/03/2025

Your Ref. No. CT/GF/07 **Dated:** 06/03/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/03/2025 **Tested on:** 12/03/2025 **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	F3	2	2	2025	6Diax12	---	13.2	28.28	30	2376	---	Non Engraved
2	F4	2	2	2025	6Diax12	---	13.2	28.28	27	2139	---	Non Engraved
3	F5	2	2	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9022
Dr. Aqsa

To: Mr. M. Nadeem Zafar Ullah
Incharge (Civil) for Managing Director, Sui Northern Gas Pipelines Limited, Kashmir Road, Lhr

Project: Construction of Underground Water Tank for Fire Fighting at Regional Distribution Office Lahore

Our Ref. No. CL/CED/ 7660 Dated: 12/03/2025 Test Specification

Your Ref. No. CC/UGWT/RDO/LHR Dated: 03/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2025 Tested on: 12/03/2025 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	23	12	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
2	4000 Psi	23	12	2024	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	4000 Psi	23	12	2024	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	4000 Psi	2	1	2025	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
5	4000 Psi	2	1	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
6	4000 Psi	2	1	2025	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9044
Dr. Aqsa

To: Mr. Farhan Akhtar
Director Development, Fazaia Housing Scheme, Raiwind Road, Lahore

Project: Commercial Plaza Falcon Down Town Fazaia Housing Scheme (Phase-I) Lahore

Our Ref. No. CL/CED/ 7661 **Dated:** 12/03/2025 **Test Specification**

Your Ref. No. FHSL/5711/1/Org **Dated:** 01/03/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 05/03/2025 **Tested on:** 12/03/2025 **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	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12	---	13	28.28	33	2614	---	Non Engraved
3	CC-48, Mezanine Fl. Col. (4500Psi)	23	2	2025	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12	---	12.4	28.28	21	1663	---	Non Engraved
5	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12	---	13	28.28	21	1663	---	Non Engraved
6	CC-48, Mezanine Fl. Lift (3000Psi)	23	2	2025	6Diax12	---	13	28.28	22	1743	---	Non Engraved
7	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12	---	13	28.28	31	2455	---	Non Engraved
8	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12	---	13	28.28	33	2614	---	Non Engraved
9	CA-53, GF Slab (3000Psi)	23	2	2025	6Diax12	---	13.2	28.28	27	2139	---	Non Engraved
10	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12	---	13	28.28	45	3564	---	Non Engraved
11	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
12	CA-66, GF Column (4000Psi)	22	2	2025	6Diax12	---	13	28.28	41	3248	---	Non Engraved
13	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12	---	12.6	28.28	24	1901	---	Non Engraved
14	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12	---	12.8	28.28	20	1584	---	Non Engraved
15	CA-66, GF Lift (3000Psi)	22	2	2025	6Diax12	---	12.8	28.28	24	1901	---	Non Engraved
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.

9081
Dr. Aqsa

To: Mr. Nouman Anwer
Supply Chain Manager Zarea Limited

Project: Construction of House #103 Fazil Road Lahore Cantt

Our Ref. No. CL/CED/ 7662 Dated: 12/03/2025 Test Specification

Your Ref. No. Fazal/103/10/255 Dated: 10/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/03/2025 Tested on: 12/03/2025 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, 3000 Psi	8	2	2025	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
2	Footing, 3000 Psi	8	2	2025	6Diax12	---	13.8	28.28	55	4356	---	Non Engraved
3	Footing, 3000 Psi	8	2	2025	6Diax12	---	14	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9037
Dr. Aqsa

To: Resident Engineer
For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (Ground Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7663 Dated: 12/03/2025 **Test Specification**

Your Ref. No. HAC-MAC/24/ECAS/Lab/0014 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05/03/2025 **Tested on:** 12/03/2025 **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	20	1	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	3000 Psi	20	1	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	3000 Psi	20	1	2025	6Diax12	---	14	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9037
Dr. Aqsa

To: Resident Engineer
For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (First Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7664 Dated: 12/03/2025 Test Specification

Your Ref. No. HAC-MAC/24/ECAS/Lab/0016 Dated: 23/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05/03/2025 Tested on: 12/03/2025 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	16	2	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	3000 Psi	16	2	2025	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	3000 Psi	16	2	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9037
Dr. Aqsa

To: Resident Engineer
For M/S HA Consulting JV M/S Mascon Associates

Project: Construction of Autism School, Lahore (Ground Floor Roof Beams & Slab Concrete)

Our Ref. No. CL/CED/ 7665 **Dated:** 12/03/2025 **Test Specification**

Your Ref. No. HAC-MAC/24/ECAS/Lab/0017 **Dated:** 26/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05/03/2025 **Tested on:** 12/03/2025 **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	28	1	2025	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	3000 Psi	28	1	2025	6Diax12	---	14	28.28	36	2851	---	Non Engraved
3	3000 Psi	28	1	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7666 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/015 Dated: 14/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
3	Conc.Cyl.(Pile No. 14) "C" 4000Psi	7	2	2025	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7667 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4580/13/AA/01/014 Dated: 11/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 **Tested on:** 12/03/2025 **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	Conc.Cyl.(Pile No. 15) "C" 4000Psi	4	2	2025	6Diax12	---	14.5	28.28	47	3723	---	Non Engraved
2	Conc.Cyl.(Pile No. 15) "C" 4000Psi	4	2	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
3	Conc.Cyl.(Pile No. 15) "C" 4000Psi	4	2	2025	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7668 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/012 Dated: 08/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
2	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	Conc.Cyl.(Pile No. 04) "C" 4000Psi	1	2	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7669 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4580/13/AA/01/020 Dated: 13/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 **Tested on:** 12/03/2025 **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	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
3	Conc.Cyl.(Pile No. 11) "C" 4000Psi	16	1	2025	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7670 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4580/13/AA/01/021 Dated: 14/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 **Tested on:** 12/03/2025 **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	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
2	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12	---	13.6	28.28	84	6653	---	Non Engraved
3	Conc.Cyl.(Pile No. 10) "C" 4000Psi	17	1	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7671 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/017 Dated: 15/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12	---	13.6	28.28	33	2614	---	Non Engraved
2	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	Conc.Cyl.(Pile No. 02) "C" 4000Psi	18	1	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7672 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/018 Dated: 15/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12	---	14.2	28.28	69	5465	---	Non Engraved
2	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12	---	14	28.28	59	4673	---	Non Engraved
3	Conc.Cyl.(Pile No. 08) "C" 4000Psi	18	1	2025	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7673 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/013 Dated: 09/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
3	Conc.Cyl.(Pile No. 13) "C" 4000Psi	2	2	2025	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7674 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4580/13/AA/01/019 Dated: 12/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 **Tested on:** 12/03/2025 **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	Conc.Cyl.(Pile No. 06) "C" 4000Psi	5	2	2025	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
2	Conc.Cyl.(Pile No. 06) "C" 4000Psi	5	2	2025	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Conc.Cyl.(Pile No. 06) "C" 4000Psi	5	2	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7675 Dated: 12/03/2025 Test Specification

Your Ref. No. 4580/13/AA/01/016 Dated: 15/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 Tested on: 12/03/2025 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	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
2	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
3	Conc.Cyl.(Pile No. 05) "C" 4000Psi	8	2	2025	6Diax12	---	14	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9017
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.), (Data Ganj Bakhsh) Lahore

Our Ref. No. CL/CED/ 7676 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4580/13/AA/01/011 Dated: 07/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/03/2025 **Tested on:** 12/03/2025 **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	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	Conc.Cyl.(Pile No. 12) "C" 4000Psi	31	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

9000
Engr. Usman Ali

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage Chaman Colony, Sattar Colony, Chimbay Wala Khoo, Mohallah Achar Wali Factory, Shahdara UC 04 & 05, Ravi Zone MCL.

Our Ref. No. CL/CED/ 7677-1 of 2 Dated: 12/03/2025 Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/222 Dated: 25/02/2025 (BS 6717)

COMPRESSION TEST REPORT

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

Specimens received on: 27/02/2025 Tested on: 12/03/2025 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, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3720	29.64	77	5819	---	6866
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3870	29.64	74	5592	---	6599
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3765	29.64	74	5592	---	6599
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	115	8691	---	10255
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	107	8086	---	9541
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3725	29.64	115	8691	---	10255
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3875	29.64	93	7028	---	8293
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3700	29.64	64	4837	---	5708
9	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	38	2872	---	3389
10	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3740	29.64	95	7179	---	8471
11	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3735	29.64	70	5290	---	6242
12	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	107	8086	---	9541
13	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	91	6877	---	8115
14	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	103	7784	---	9185
15	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3805	29.64	107	8086	---	9541
16	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3635	29.64	99	7482	---	8829

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.

9000
Engr. Usman Ali

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation / Improvement of Street Pavement, Sewerage / Drainage Chaman Colony, Sattar Colony, Chimbay Wala Khoo, Mohallah Achar Wali Factory, Shahdara UC 04 & 05, Ravi Zone MCL.

Our Ref. No. CL/CED/ 7677-2 of 2 Dated: 12/03/2025 **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/222 Dated: 25/02/2025 (BS 6717)

COMPRESSION TEST REPORT

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

Specimens received on: 27/02/2025 Tested on: 12/03/2025 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, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3690	29.64	87	6575	---	7759
2	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3665	29.64	97	7331	---	8651
3	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3805	29.64	105	7935	---	9363
4	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	95	7179	---	8471
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	89	6726	---	7937
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3615	29.64	91	6877	---	8115
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3650	29.64	95	7179	---	8471
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	95	7179	---	8471
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	107	8086	---	9541
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3650	29.64	109	8238	---	9721
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3820	29.64	109	8238	---	9721
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3660	29.64	95	7179	---	8471
13	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	89	6726	---	7937
14	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	91	6877	---	8115
15	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3715	29.64	93	7028	---	8293
16	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3645	29.64	101	7633	---	9007

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**