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.

8746
Dr. Burhan Sharif

To: Mr. Fareed Maqsood
For and on behalf of CMA Engineering & Construction (Pvt) Ltd.

Project: Construction of House on Plot No. 115, Upper Mall Scheme, Lahore.

Our Ref. No. CL/CED/ 7178 Dated: 27/01/2025 Test Specification

Your Ref. No. CMA/UET/ML/001 Dated: 23/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/01/2025 Tested on: 27/01/2025 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	Foundation	9	1	2025	6Diax12	---	13.2	28.28	24	1901	---	Engraved
2	Foundation	9	1	2025	6Diax12	---	14	28.28	24.5	1941	---	Engraved
3	Foundation	9	1	2025	6Diax12	---	13	28.28	23.5	1861	---	Engraved
4	Foundation	9	1	2025	6Diax12	---	13.2	28.28	22.5	1782	---	Engraved
5	Foundation	9	1	2025	6Diax12	---	14	28.28	21.5	1703	---	Engraved
6	Foundation	9	1	2025	6Diax12	---	13.2	28.28	23.5	1861	---	Engraved
7	Foundation	9	1	2025	6Diax12	---	13.4	28.28	20	1584	---	Engraved
8	Foundation	9	1	2025	6Diax12	---	13	28.28	18	1426	---	Engraved
9	Foundation	9	1	2025	6Diax12	---	13	28.28	21	1663	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

To:

Mr. Rashid Kamran
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.

8711
Dr. M. Yousaf

Project: Construction of Electric Bus Depot at Green Town, Lahore.

Our Ref. No. CL/CED/ 7179 Dated: 27/01/2025 Test Specification ----

Your Ref. No. 4792/13/RK/05/27 Dated: 14/01/2025

BS 6717 For paving Block/ Tuff tiles
BS 3921** Bricks
ASTM C39 Cylinder

BS 1881-116 Cubes

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff tiles/Pavers Witnessed by:

Specimens received on 20/01/2025 and tested on 27/01/2025 in dry/wet condition

Serial No.	Mark	Casting Date* dd	mm	yyyy	Size (inch)			Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (sq. inch)	Ultimate load (Imp. Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	P				9	4.5	3	3665	3370	40.5	44	2434	8.75	
2	P				9	4.5	3.1	3660	3405	40.5	45	2489	7.49	
3	P				9	4.5	3	3720	3390	40.5	48	2655	9.73	
4													---	
5													---	
6													---	
7													---	
8													---	
9													---	
10										---			---	
11										---			---	
12										---			---	
13										---			---	
14										---			---	
15										---			---	
16														
17														
18														

SDO

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.

8711
Dr. M. Yousaf

To: Mr. Rashid Kamran
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd.

Project: Construction of Electric Bus Depot at Green Town, Lahore.

Our Ref. No. CL/CED/ 7180 **Dated:** 27/01/2025 **Test Specification**

Your Ref. No. 4792/13/RK/05/17 **Dated:** 26/12/2024 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 20/01/2025 **Tested on:** 27/01/2025 **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	ABC	---	---	---	8.8 x 4.3 x 3	3620	3355	37.84	46	2723	7.9	---
2	ABC	---	---	---	8.9 x 4.4 x 3	3795	3410	39.16	45	2574	11.29	---
3	ABC	---	---	---	8.8 x 4.3 x 3	3865	3430	37.84	34	2013	12.68	---
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.

8632
Dr. M. Yousaf

To: Mr. Muhammad Umar
Deputy Director (Maint) NHA Lahore.

Project: Contract No. SM-PN-19-05-09, Location Km 1130+000 ~ 1219+500 NBC/SBC.

Our Ref. No. CL/CED/ 7181-1 of 2 **Dated:** 27/01/2025 **Test Specification**

Your Ref. No. DD(Maint)/NHA//LHR/24/1001 **Dated:** 13/08/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 10/01/2025 **Tested on:** 27/01/2025 **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	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4520	36.44	100	6147	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4515	36.44	118	7254	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4550	36.44	140	8606	---	---
4	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3475	36.44	162	9958	---	---
5	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3465	36.44	125	7684	---	---
6	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3370	36.44	127	7807	---	---
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.

8632
Dr. M. Yousaf

To: Mr. Muhammad Umar
Deputy Director (Maint) NHA Lahore.

Project: Contract No. SM-PN-19-05-09, Location Km 1130+000 ~ 1219+500 NBC/SBC.

Our Ref. No. CL/CED/ 7181-2 of 2 **Dated:** 27/01/2025 **Test Specification**

Your Ref. No. DD(Maint)/NHA//LHR/24/1001 **Dated:** 13/08/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 10/01/2025 **Tested on:** 27/01/2025 **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	Kerb Stone	---	---	---	6x6x6	---	8	36	42	2613	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	7.6	36	43	2676	---	Cut Cube
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.

8749
Dr. M. Yousaf

To: Mr. Muhammad Qaisar Zaman
Deputy Director (Civil), Pakistan Airports Authority, AIIAP, Lahore.

Project: Replacement of GI Sheet Roofing with RCC Slabs Addition / Alteration Works in CAMB and Water Proofing of all offices at EX-RD Block at AIIAP, Lahore.

Our Ref. No. CL/CED/ 7182 Dated: 27/01/2025 Test Specification

Your Ref. No. AIIAP/1659-01/059/LACV/IV Dated: 24/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/01/2025 Tested on: 27/01/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	18	12	2024	6x6x6	---	9	36	70	4356	---	Engraved
2	---	18	12	2024	6x6x6	---	9	36	60	3733	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

8647
Dr. M. Yousaf

To: Resident Engineer
Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Improvement of Water Supply / Sewerage System UC-26, Shalimar Zone, Lahore.

Our Ref. No. CL/CED/ 7183 Dated: 27/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/59 Dated: 06/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2025 **Tested on:** 27/01/2025 **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	NA	---	---	---	9 x 4.4 x 3	3780	3270	39.6	36	2036	15.6	---
2	NA	---	---	---	8.8 x 4.4 x 3	3765	3335	38.72	41	2372	12.89	---
3	NA	---	---	---	8.8 x 4.3 x 3	3710	3445	37.84	44	2605	7.69	---
4	NA	---	---	---	8.8 x 4.3 x 3	3745	3340	37.84	42	2486	12.13	---
5	NA	---	---	---	9 x 4.4 x 3	3765	3340	39.6	42	2376	12.72	---
6	NA	---	---	---	9 x 4.5 x 3	3840	3335	40.5	22	1217	15.14	---
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.

8647
Dr. M. Yousaf

To: Resident Engineer
Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Improvement of Water Supply / Sewerage System UC-47, Shalimar Zone, Lahore.

Our Ref. No. CL/CED/ 7184 Dated: 27/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/51 Dated: 06/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2025 **Tested on:** 27/01/2025 **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	NA	---	---	---	9 x 4.5 x 3	3815	3360	40.5	41	2268	13.54	---
2	NA	---	---	---	8.7 x 4 x 3	3880	3485	34.8	44	2832	11.33	---
3	NA	---	---	---	8.9 x 4.3 x 3	3690	3290	38.27	35	2049	12.16	---
4	NA	---	---	---	9 x 4.5 x 3	3795	3390	40.5	42	2323	11.95	---
5	NA	---	---	---	8.9 x 4.4 x 3	3780	3315	39.16	40	2288	14.03	---
6	NA	---	---	---	9 x 4.5 x 3	3810	3360	40.5	42	2323	13.39	---
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 compresssive 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.

8647
Dr. M. Yousaf

To: Resident Engineer
Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Improvement of Water Supply / Sewerage System UC-28, Shalimar Zone, Lahore.

Our Ref. No. CL/CED/ 7185 Dated: 27/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/53 Dated: 06/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2025 **Tested on:** 27/01/2025 **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	NA	---	---	---	9 x 4.5 x 3	3795	3345	40.5	33	1825	13.45	---
2	NA	---	---	---	8.5 x 4.1 x 3	3675	3375	34.85	42	2700	8.89	---
3	NA	---	---	---	8.8 x 4.3 x 3	3740	3405	37.84	44	2605	9.84	---
4	NA	---	---	---	8.9 x 4.4 x 3	3745	3340	39.16	44	2517	12.13	---
5	NA	---	---	---	8.8 x 4.3 x 3	3840	3435	37.84	44	2605	11.79	---
6	NA	---	---	---	8.9 x 4.3 x 3.1	3805	3385	38.27	44	2575	12.41	---
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.

8687
Dr. M. Yousaf

To: Engr. Ghulam Rasool
Resident Engineer, NESPAK Pvt. Ltd. MCL Nishtar Zone , Lahore.

Project: Rehabilitation / Improvement of Streets (P.C.C) Sewerage / Drainage at Village Theht & Gowala Colony Block. A, B,C,D, UC-241, Nishter Zone, Lahore.

Our Ref. No. CL/CED/ 7186 Dated: 27/01/2025 Test Specification

Your Ref. No. 4084/103/LDP/NZ/04/133 Dated: 16/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 16/01/2025 Tested on: 27/01/2025 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	P	---	---	---	8.9 x 4.2 x 2.8	4060	3630	37.38	45	2697	11.85	---
2	P	---	---	---	8.8 x 4.1 x 2.9	3910	3575	36.08	45	2794	9.37	---
3	P	---	---	---	8.9 x 4.2 x 3	4220	3485	37.38	37	2217	21.09	---
4	P	---	---	---	8.8 x 4.2 x 2.9	4150	3535	36.96	44	2667	17.4	---
5	P	---	---	---	8.9 x 4.2 x 3	3840	3500	37.38	43	2577	9.71	---
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 compresssive 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.

8732
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 5, Lahore.

Project: Reconstruction of Boundary Wall Government College for Women, Gulberg, Lahore.

Our Ref. No. CL/CED/ 7187 **Dated:** 27/01/2025 **Test Specification**

Your Ref. No. 4475/5th **Dated:** 10/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 22/01/2025 **Tested on:** 27/01/2025 **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	OR	---	---	---	9 x 4.3 x 3	---	3455	38.7	44	2547	---	---
2	OR	---	---	---	8.8 x 4.4 x 3	---	3625	38.72	45	2603	---	---
3	OR	---	---	---	8.9 x 4.2 x 3	---	3560	37.38	45	2697	---	---
4	OR	---	---	---	8.9 x 4.3 x 3	---	3645	38.27	44	2575	---	---
5	OR	---	---	---	9 x 4.4 x 3	---	3580	39.6	46	2602	---	---
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 compresssive 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.

8662
Dr. M. Yousaf

To: Mr. Muhammad Zain Ul Abadeen
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Tender No. XEN (O&M-I) NT/2024-25/83 - Improvement of Water Supply and Sewerage System in UC-235, Nishter Zone, Lahore.

Our Ref. No. CL/CED/ 7188 Dated: 27/01/2025 Test Specification

Your Ref. No. 43101/11/MZA/01/1055 Dated: 02/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14/01/2025 Tested on: 27/01/2025 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	1000	---	---	---	9 x 4.4 x 3	3690	3300	39.6	40	2263	11.82	---
2	1000	---	---	---	8.9 x 4.3 x 3	3710	3415	38.27	41	2400	8.64	---
3	1000	---	---	---	8.9 x 4.3 x 3	3550	3310	38.27	42	2458	7.25	---
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.

8707
Dr. M. Yousaf

To: Resident Engineer (GB Zone)
EPHE Division, NESPAK (Pvt) Ltd.

Project: (i) Improvement of Water Supply / Sewerage System in UC-59 Ganj Baksh Lhr. (ii) Improvement of Water Supply / Sewerage System in UC-104 Samanabad, Lhr. (Contractor: M/S Zahid Ali Shahdrah)

Our Ref. No. CL/CED/ 7189 Dated: 27/01/2025 Test Specification

Your Ref. No. LDP/GB-WASA/43101-29 Dated: 08/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 20/01/2025 Tested on: 27/01/2025 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	28	---	---	---	8.8 x 4.1 x 2.8	3760	3325	36.08	37	2297	13.08	---
2	28	---	---	---	8.9 x 4.1 x 2.9	3740	3245	36.49	40	2455	15.25	---
3	28	---	---	---	8.8 x 4.2 x 3	3690	3105	36.96	39	2364	18.84	---
4	28	---	---	---	8.9 x 4.2 x 2.9	3505	3045	37.38	36	2157	15.11	---
5	28	---	---	---	8.9 x 4.1 x 2.9	3710	3225	36.49	39	2394	15.04	---
6	28	---	---	---	8.9 x 4.2 x 2.8	3680	3135	37.38	34	2037	17.38	---
7	28	---	---	---	8.8 x 4.2 x 2.9	3460	3020	36.96	38	2303	14.57	---
8	28	---	---	---	8.9 x 4.1 x 2.9	3620	3115	36.49	39	2394	16.21	---
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**