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.

8747
Dr. Aqsa

To: Mr. M. Nadeem Zafarullah
Incharge (Civil) for Managing Director, Sui Northern Gas, Lahore.

Project: CONSTRUCTION OF BOUNDARY WALL WITH RAZOR WIRE, GATE AND ASSOCIATED WORKS, AT PUMP HOUSE OF COMPRESSOR STATION CC-I HARANPUR.

Our Ref. No. CL/CED/ 7190 Dated: 28/01/2025 Test Specification

Your Ref. No. CC/B.W/CC-I/HAR Dated: 24/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24/01/2025 Tested on: 28/01/2025 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	ZK	---	---	---	8.6 x 4 x 2.8	---	2430	34.4	39	2540	---	---
2	ZK	---	---	---	8.4 x 4 x 2.9	---	2485	33.6	36	2400	---	---
3	ZK	---	---	---	8.4 x 4 x 2.9	---	2480	33.6	34	2267	---	---
4	ZK	---	---	---	8.6 x 4 x 2.9	---	2455	34.4	39	2540	---	---
5	ZK	---	---	---	8.4 x 4 x 2.8	---	2470	33.6	36	2400	---	---
6	ZK	---	---	---	8.5 x 4 x 2.9	---	2550	34	39	2569	---	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8763
Dr. Aqsa

To: Mr. Muhammad Saleem
Tehsil Burewala, District Vehari.

Project: Nil

Our Ref. No. CL/CED/ 7191 **Dated:** 28/01/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/01/2025 **Tested on:** 28/01/2025 **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	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3570	29.26	54	4134	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3540	29.26	74	5665	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3.1	---	3660	29.26	60	4593	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2730	29.26	89	6813	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2705	29.26	66	5053	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2565	29.26	85	6507	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8724
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, NANKANA SAHIB

Project: Revamping of Basic Health Units District Nankana Sahib Phase-I Under Program for Revamping of 552 BHU'S of North and Central Punjab on at "BHU KOT HUSSAIN"

Our Ref. No. CL/CED/ 7192 Dated: 28/01/2025 Test Specification

Your Ref. No. 1164/SDO/BSD/NNS Dated: 09/10/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/01/2025 Tested on: 28/01/2025 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	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3085	2700	36.54	38	2330	14.26	---
2	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.8	3190	2800	37.84	39	2309	13.93	---
3	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.9	3255	2890	37.84	40	2368	12.63	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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ORIGINAL
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8580
Dr. Aqsa

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

Project: Improvement of Water Supply / Sewerage System in UC-153, Shalimar Zone, Lahore.

Our Ref. No. CL/CED/ 7193 **Dated: 28/01/2025** **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/20 **Dated: 29/12/2024** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 06/01/2025 **Tested on:** 28/01/2025 **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	ST	---	---	---	9 x 4.4 x 3.1	3875	3430	39.6	45	2545	12.97	---
2	ST	---	---	---	9 x 4.4 x 3	3890	3380	39.6	41	2319	15.09	---
3	ST	---	---	---	9 x 4.3 x 3.1	3900	3375	38.7	45	2605	15.56	---
4	ST	---	---	---	9 x 4.3 x 3.1	3910	3460	38.7	36	2084	13.01	---
5	ST	---	---	---	8.9 x 4.3 x 2.9	3640	3305	38.27	41	2400	10.14	---
6	ST	---	---	---	9 x 4.4 x 3	3825	3390	39.6	46	2602	12.83	---
7	ST	---	---	---	9 x 4.4 x 3.2	3415	2940	39.6	44	2489	16.16	---
8	ST	---	---	---	9 x 4.3 x 3	3900	3410	38.7	37	2142	14.37	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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ORIGINAL
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8748
Dr. Aqsa

To: A. H. Engineers
Street No. 02, Mohalla Hassan Pura, Dhudiwala Jaranwala Road, Faisalabad.

Project: Construction of Bunkers at Strong Point Sehjra.

Our Ref. No. CL/CED/ 7194 **Dated: 28/01/2025** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2025 Tested on: 28/01/2025 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	---	22	12	2024	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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ORIGINAL
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8670
Dr. Aqsa

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

Project: Burj-1 by AJWA Builders. (Main Building 6th Floor Zone-02). (Slab (Pour-03) Grid # D~F/4~6)

Our Ref. No. CL/CED/ 7195 **Dated:** 28/01/2025 **Test Specification**

Your Ref. No. DOC-BMC/AJWA/178 **Dated:** 14/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/1/2025 **Tested on:** 28/01/2025 **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	(4000 Psi)	15	12	2024	6Diax12	---	14	28.28	69	5465	---	Non Engraved
2	(4000 Psi)	15	12	2024	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	(4000 Psi)	15	12	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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ORIGINAL
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8705
Dr. Aqsa

To: Manager Planning and Development
NOON Developers & Marketing, New Muslim Town, Lahore.

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 7196 Dated: 28/01/2025 Test Specification

Your Ref. No. CH/ST/03/25 Dated: 20/01/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2025 Tested on: 28/01/2025 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	Column (5000 Psi)	12	1	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	Column (5000 Psi)	12	1	2025	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
3	Column (5000 Psi)	12	1	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
4	Column (5000 Psi)	12	1	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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8737
Dr. Aqsa

To: Mr. Muhammad Tufail
Construction Team Leader, Lahore Office. Zor Engineers Pvt. Ltd.

Project: Christian Girls School Martinpur - Class Room & Toilet Block.

Our Ref. No. CL/CED/ 7197 Dated: 28/01/2025 Test Specification

Your Ref. No. 202.47.1/MT/1 Dated: 20/01/2025 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/01/2025 Tested on: 28/01/2025 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	1st Floor Roof Slab (1:2:4)	21	12	2024	6x6x6	---	9	36	42	2613	---	Non Engraved
2	1st Floor Roof Slab (1:2:4)	21	12	2024	6x6x6	---	8.8	36	33	2053	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

8605
Dr. Aqsa

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

Project: Improvement of Water Supply / Sewerage System UC-163, Shalimar Zone Lahore.

Our Ref. No. CL/CED/ 7198 **Dated:** 28/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/31 **Dated:** 29/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 08/01/2025 **Tested on:** 28/01/2025 **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	S	---	---	---	8.9 x 4.3 x 3	3655	3230	38.27	40	2341	13.16	---
2	S	---	---	---	8.9 x 4.2 x 3	3725	3195	37.38	38	2277	16.59	---
3	S	---	---	---	8.8 x 4 x 3	3670	3245	35.2	41	2609	13.1	---
4	S	---	---	---	8.7 x 4.3 x 2.8	3395	3090	37.41	44	2635	9.87	---
5	S	---	---	---	8.6 x 4.2 x 2.8	3420	3010	36.12	36	2233	13.62	---
6	S	---	---	---	8.8 x 4.1 x 2.9	3570	3180	36.08	38	2359	12.26	---
7	S	---	---	---	8.9 x 4.3 x 3	3690	3215	38.27	42	2458	14.77	---
8	S	---	---	---	8.9 x 4.3 x 3	3770	3315	38.27	39	2283	13.73	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8723
Dr. Aqsa

To: Mr. Ishtiaq Ahmad
Resident Engineer, Environmental and Public Health Engineering Division. NESPAK (Pvt.) Ltd.

Project: Improvement of Water Supply / Sewerage System UC-45, Shalimar Zone Lahore.

Our Ref. No. CL/CED/ 7199 **Dated:** 28/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/14 **Dated:** 30/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 21/01/2025 **Tested on:** 28/01/2025 **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	S	---	---	---	8.5 x 4 x 2.9	3630	3270	34	42	2767	11.01	---
2	S	---	---	---	8.5 x 4.1 x 2.9	3410	3070	34.85	43	2764	11.07	---
3	S	---	---	---	8.8 x 4.2 x 2.9	3580	3145	36.96	42	2545	13.83	---
4	S	---	---	---	8.6 x 4.2 x 2.9	3690	3095	36.12	39	2419	19.22	---
5	S	---	---	---	8.9 x 4.2 x 3	3720	3180	37.38	36	2157	16.98	---
6	S	---	---	---	9 x 4.3 x 3	3705	3265	38.7	29	1679	13.48	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8615
Dr. Aqsa

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

Project: Improvement of Water Supply / Sewerage System UC-167, Shalimar Zone Lahore.

Our Ref. No. CL/CED/ 7200 **Dated:** 28/01/2025 **Test Specification**

Your Ref. No. NESPAK/LDP/LHR/ST/003 **Dated:** 24/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 09/01/2025 **Tested on:** 28/01/2025 **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	S	---	---	---	9 x 4.3 x 3	3645	3235	38.7	34	1968	12.67	---
2	S	---	---	---	8.8 x 4.3 x 3	3640	3235	37.84	42	2486	12.52	---
3	S	---	---	---	8.8 x 4.3 x 3	3595	3180	37.84	36	2131	13.05	---
4	S	---	---	---	8.9 x 4.3 x 3	3705	3235	38.27	42	2458	14.53	---
5	S	---	---	---	8.8 x 4.3 x 3	3680	3210	37.84	29	1717	14.64	---
6	S	---	---	---	8.8 x 4.3 x 3	3490	3040	37.84	36	2131	14.8	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8615
Dr. Aqsa

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

Project: Improvement of Water Supply / Sewerage System UC-164, Shalimar Zone Lahore.

Our Ref. No. CL/CED/ 7201 Dated: 28/01/2025 Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/001 Dated: 24/12/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 09/01/2025 Tested on: 28/01/2025 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	S	---	---	---	8.9 x 4.2 x 3	3660	3145	37.38	37	2217	16.38	---
2	S	---	---	---	8.9 x 4.2 x 3	3695	3180	37.38	40	2397	16.19	---
3	S	---	---	---	8.9 x 4.3 x 3	3715	3265	38.27	38	2224	13.78	---
4	S	---	---	---	9 x 4.2 x 3	3675	3195	37.8	42	2489	15.02	---
5	S	---	---	---	8.9 x 4.2 x 2.9	3705	3225	37.38	42	2517	14.88	---
6	S	---	---	---	8.8 x 4.2 x 2.9	3670	3130	36.96	41	2485	17.25	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8619
Dr. Aqsa

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

Project: Tender No. XEN (O&M-I)NT/2024-25/87- Improvement of Water Supply and Sewerage System in UC-239, Nishter Zone, Lahore.

Our Ref. No. CL/CED/ 7202 Dated: 28/01/2025 Test Specification

Your Ref. No. 43101/11/MZA/01/1034 Dated: 03/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 09/01/2025 Tested on: 28/01/2025 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	777	---	---	---	8.9 x 4.3 x 3	3680	3350	38.27	42	2458	9.85	---
2	777	---	---	---	9 x 4.4 x 3.1	3980	3525	39.6	44	2489	12.91	---
3	777	---	---	---	9 x 4.4 x 3.1	3930	3455	39.6	44	2489	13.75	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

8656
Dr. Aqsa

To: Mr. Salim Javed
Resident Engineer, Environmental and Public Health Engineering Division. NESPAK (Pvt.) Ltd.

Project: Tender No. XEN (O&M-I) NT/2024-25/76 - Provision of Water Supply and Sewerage System in Azam Chowk to CH Colony, UC-242, Nishter Zone, Lahore.

Our Ref. No. CL/CED/ 7203 Dated: 28/01/2025 Test Specification

Your Ref. No. 43101/11/MZA/01/1133 Dated: 08/01/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14/01/2025 Tested on: 28/01/2025 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	7UP	---	---	---	8.8 x 4.3 x 3	3690	3350	37.84	40	2368	10.15	---
2	7UP	---	---	---	8.7 x 4.3 x 3.1	3800	3310	37.41	41	2455	14.8	---
3	7UP	---	---	---	8.9 x 4.3 x 3	3725	3340	38.27	35	2049	11.53	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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.

8648
Dr. Aqsa

To: Mr. Muhammad Hassan Khan
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.

Project: Rehabilitation / Improvement of Streets PCC Streets UC-207, 209, 210, 211, 223, 224, 225, 226 Gulberg Zone, Lahore.

Our Ref. No. CL/CED/ 7204 Dated: 28/01/2025 Test Specification

Your Ref. No. 4048/103/LDP/GULBERG/04/12 Dated: 04/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2025 Tested on: 28/01/2025 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	K2	---	---	---	8.9 x 4.4 x 3	3670	3285	39.16	36	2059	11.72	---
2	K2	---	---	---	9 x 4.4 x 3	3580	3245	39.6	41	2319	10.32	---
3	K2	---	---	---	8.8 x 4.3 x 2.9	3645	3180	37.84	38	2249	14.62	---
4	K2	---	---	---	8.9 x 4.3 x 3	3660	3235	38.27	27	1580	13.14	---
5	K2	---	---	---	8.9 x 4.3 x 3	3580	3170	38.27	38	2224	12.93	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

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

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

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Dr. Aqsa

To: Mr. Manzoor Ahmad Joya
Resident Engineer, Environmental and Public Health Engineering Division. NESPAK (Pvt.) Ltd.

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

Our Ref. No. CL/CED/ 7205 Dated: 28/01/2025 **Test Specification**

Your Ref. No. 3844/311/RE/025 Dated: 09/01/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2025 Tested on: 28/01/2025 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	8	---	---	---	8.7 x 4.2 x 2.8	3375	2915	36.54	40	2452	15.78	---
2	8	---	---	---	8.8 x 4.1 x 2.9	3360	3070	36.08	39	2421	9.45	---
3	8	---	---	---	8.7 x 4.2 x 2.9	3570	3110	36.54	38	2330	14.79	---
4	8	---	---	---	8.8 x 4.2 x 2.8	3400	2970	36.96	40	2424	14.48	---
5	8	---	---	---	8.9 x 4.1 x 2.8	3350	2950	36.49	35	2149	13.56	---
6	8	---	---	---	8.8 x 4.2 x 2.9	3430	3025	36.96	39	2364	13.39	---
7	8	---	---	---	8.8 x 4.1 x 2.9	3550	3145	36.08	38	2359	12.88	---
8	8	---	---	---	8.9 x 4.2 x 2.9	3315	2870	37.38	38	2277	15.51	---
9	8	---	---	---	8.8 x 4.2 x 2.8	3440	2910	36.96	38	2303	18.21	---
10	8	---	---	---	8.7 x 4.2 x 2.8	3380	2945	36.54	41	2513	14.77	---
11	8	---	---	---	8.8 x 4.2 x 2.9	3400	2905	36.96	41	2485	17.04	---
12	8	---	---	---	8.9 x 4.2 x 2.9	3370	2940	37.38	40	2397	14.63	---
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**