



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.

8683

Dr. M. Yousaf

To: Mr. ALI ANSAR
Project Coordinator, SINACO ENGINEERS (PVT) LIMITED, Lahore

Project: Construction of New Concentrate Plant TCCEC SMP III, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 7086

Dated: 1/17/2025

Test Specification

Your Ref. No. 00042-2025

Dated: 1/16/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/16/2025 Tested on: 1/17/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Electric Room Roof Slab (4ksi)	8	1	2025	6Diax12	---	14	28.28	21	1663	---	Non Engraved
2	Electric Room Roof Slab (4ksi)	8	1	2025	6Diax12	---	13.6	28.28	21	1663	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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8594

Dr. M. Yousaf

To: Mr. Muhammad Zain UI Abadeen

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

Project: TENDER NO. XEN (O&M-I) NT/2024-25/93-PROVISION OF WATER SUPPLY AND SEWERAGE SYSTEM IN GAJJUMATTA TO KHALID TOWN DISPOSAL STATION, UC-244, NISHTER ZONE, LAHORE.

Our Ref. No. CL/CED/ 7087

Dated: 1/17/2025

Test Specification

Your Ref. No. 43101/11/MZA/01/1069

Dated: 1/3/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 1/17/2025 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	IB	---	---	---	9 x 4.4 x 2.9	3630	3255	39.6	42	2376	11.52	---
2	IB	---	---	---	8.9 x 4.3 x 3	3690	3290	38.27	38	2224	12.16	---
3	IB	---	---	---	8.9 x 4.3 x 3	3705	3355	38.27	43	2517	10.43	---
4	R	---	---	---	8.8 x 4.2 x 3	3600	3225	36.96	40	2424	11.63	---
5	R	---	---	---	8.8 x 4.2 x 3	3590	3335	36.96	42	2545	7.65	---
6	R	---	---	---	8.8 x 4.3 x 3	3710	3405	37.84	43	2545	8.96	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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8658

Dr. M. Yousaf

To: Managing Partner
for SHAHEEN ASSOCIATES, New Garden Town, Lahore

Project: Escorts Advanced Textiles (Pvt) Ltd Muridkey; Extension of Spinning Unit (Ground Floor)

Our Ref. No. CL/CED/ 7088

Dated: 17/1/2025

Test Specification

Your Ref. No. SBA-1/7038

Dated: 13/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14/1/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Slab, Grid D-F, (1:2:4)	6	1	2025	6Diax12	---	14	28.28	26	2059	---	Engraved
2	Slab, Grid D-F, (1:2:4)	6	1	2025	6Diax12	---	14.6	28.28	30	2376	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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8653

Dr. M. Yousaf

To: Project Manager
ETIMAAD, Property Network, Lahore

Project: RISE MALL & Residencia (Water Tank & Raft Lift)

Our Ref. No. CL/CED/ 7089

Dated: 17/1/2025

Test Specification

Your Ref. No. Nil

Dated: 14/1/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14/1/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	3000 Psi	11	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	3000 Psi	11	12	2024	6Diax12	---	14	28.28	65	5149	---	Non Engraved
3	3000 Psi	11	12	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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 the lab for record.

8589
 Dr. M. Yousaf

To: Mr. Muhammad Saleem
 Operations Manager, The Skyline Mall & Residences, DHA Phase-6, Lahore.

Project: The Skyline Mall & Residences, Raiwind Road, Lahore (4th Floor Column)

Our Ref. No. CL/CED/ 7090

Dated: 17/1/2025

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: 7/1/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	4000 Psi	18	12	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	4000 Psi	18	12	2024	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	4000 Psi	18	12	2024	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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8589

Dr. M. Yousaf

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residences, DHA Phase-6, Lahore

Project: The Skyline Mall & Residences, Raiwind Road, Lahore (3rd Floor Slab)

Our Ref. No. CL/CED/ 7091

Dated: 17/1/2025

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: 7/1/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	3000 Psi	4	12	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	3000 Psi	4	12	2024	6Diax12	---	14	28.28	65	5149	---	Non Engraved
3	3000 Psi	4	12	2024	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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8635

Dr. M. Yousaf

To: Assistant Resident Engineer
16 City of Project Package #1 (Jhelum); MM Pakistan (Pvt) Ltd.

Project: Construction of SWM Parking Area in Jhelum City

Our Ref. No. CL/CED/ 7092

Dated: 17/1/2025

Test Specification

Your Ref. No. ARE/JHE-PS/MC-02

Dated: 28/10/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	P	---	---	---	8.7 x 4.3 x 2.8	---	2720	37.41	42	2515	---	---
2	P	---	---	---	8.8 x 4.2 x 2.8	---	2690	36.96	41	2485	---	---
3	P	---	---	---	8.8 x 4.1 x 2.8	---	2720	36.08	44	2732	---	---
4	P	---	---	---	8.7 x 4.3 x 2.8	---	2750	37.41	38	2275	---	---
5	P	---	---	---	8.7 x 4.2 x 2.8	---	2745	36.54	38	2330	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8494

Dr. M. Yousaf

To: Mr. Arshad Hussain
Resident Engineer, Asian Consulting Engineers Pvt. Ltd. & RHC

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab- Package No. 4; Solarization of Tubewell and Disposal Stations in Vehari City

Our Ref. No. CL/CED/ 7093

Dated: 17/1/2025

Test Specification

Your Ref. No. AsCE-RHC-JV/PMDFC/PKG-04/RE/82

Dated: 28/10/2024

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COMPRESSION TEST REPORT



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

Specimens received on: 24/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Machine Made (Tripple Line)	---	---	---	8.4 x 3.8 x 2.4	2620	2310	31.92	34	2386	13.42	---
2	Machine Made (Tripple Line)	---	---	---	8.3 x 3.9 x 2.3	2605	2295	32.37	40	2768	13.51	---
3	Machine Made (Tripple Line)	---	---	---	8.4 x 3.8 x 2.3	2715	2270	31.92	40	2807	19.6	---
4	Machine Made (Tripple Line)	---	---	---	8.4 x 3.9 x 2.3	2735	2285	32.76	30	2051	19.69	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

8494

Dr. M. Yousaf

To: Mr. Arshad Hussain
Resident Engineer, Asian Consulting Engineers Pvt. Ltd. & RHC

Project: Detailed Design of Infrastructure Sub-Projects, Sectoral Planning & Resident Supervision in 16 Cities of Punjab- Package No. 4; Solarization of Water Works and Disposal Stations in Bahawalnagar City

Our Ref. No. CL/CED/ 7094

Dated: 17/1/2025

Test Specification

Your Ref. No. AsCE-RHC-JV/PMDFC/PKG-04/RE/69

Dated: 24/8/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 24/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Machine Made (Tripple Line)	---	---	---	8.3 x 3.6 x 2.3	2605	2230	29.88	30	2249	16.82	---
2	Machine Made (Tripple Line)	---	---	---	8.4 x 3.8 x 2.3	2670	2280	31.92	36	2526	17.11	---
3	Machine Made (Tripple Line)	---	---	---	8.4 x 3.9 x 2.3	2720	2290	32.76	41	2803	18.78	---
4	Machine Made (Tripple Line)	---	---	---	8.4 x 3.8 x 2.4	2765	2270	31.92	31	2175	21.81	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- 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

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8478

Engr. A. Rehman

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 CHAK No. 06"

Our Ref. No. CL/CED/ 7095

Dated: 17/1/2025

Test Specification

Your Ref. No. 1167/SDO/BSO/NNS

Dated: 10/9/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	NBC	---	---	---	8.7 x 4.2 x 2.9	3345	3090	36.54	37	2268	8.25	---
2	NBC	---	---	---	8.8 x 4.2 x 2.8	3435	3090	36.96	40	2424	11.17	---
3	NBC	---	---	---	8.7 x 4.2 x 2.9	3305	3050	36.54	30	1839	8.36	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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8478

Engr. A. Rehman

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 BURALA"

Our Ref. No. CL/CED/ 7096

Dated: 17/1/2025

Test Specification

Your Ref. No. 1154 B/SDO/BSD/NNS

Dated: 10/9/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	NBC	---	---	---	8.8 x 4.1 x 2.8	3320	3015	36.08	35	2173	10.12	---
2	NBC	---	---	---	8.8 x 4.2 x 2.9	3500	3210	36.96	39	2364	9.03	---
3	NBC	---	---	---	8.7 x 4.2 x 2.9	3585	3175	36.54	33	2023	12.91	---
4	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3230	2695	36.96	38	2303	19.85	---
5	Machine Made Double Line	---	---	---	8.8 x 4.1 x 2.8	3225	2675	36.08	42	2608	20.56	---
6	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3220	2680	36.54	28	1716	20.15	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL

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8478

Engr. A. Rehman

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/ 7097

Dated: 17/1/2025

Test Specification

Your Ref. No. 1164/SDO/BSO/NNS

Dated: 10/9/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3200	2635	36.96	19	1152	21.44	---
2	Machine Made Double Line	---	---	---	8.7 x 4.2 x 2.8	3205	2630	36.54	37	2268	21.86	---
3	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	3035	2520	35.7	36	2259	20.44	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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8478

Engr. A. Rehman

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 FAZAL"

Our Ref. No. CL/CED/ 7098

Dated: 17/1/2025

Test Specification

Your Ref. No. 1155/SDO/BSO/NNS

Dated: 10/9/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2024 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	641	---	---	---	8.7 x 4.2 x 2.8	3435	3040	36.54	37	2268	12.99	---
2	641	---	---	---	8.7 x 4.2 x 2.9	3335	3075	36.54	35	2146	8.46	---
3	641	---	---	---	8.7 x 4.2 x 2.8	3290	2885	36.54	30	1839	14.04	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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
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ORIGINAL

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8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-119, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7099

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/23

Dated: 29/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.8 x 4.2 x 2.9	3655	3310	36.96	42	2545	10.42	---
2	S	---	---	---	8.9 x 4.3 x 3	3695	3380	38.27	38	2224	9.32	---
3	S	---	---	---	8.7 x 4.2 x 2.8	3515	3165	36.54	34	2084	11.06	---
4	S	---	---	---	8.7 x 4.2 x 2.9	3610	3150	36.54	38	2330	14.6	---
5	S	---	---	---	8.8 x 4.1 x 2.9	3315	2910	36.08	40	2483	13.92	---
6	S	---	---	---	8.8 x 4.2 x 2.8	3475	3140	36.96	42	2545	10.67	---
7	S	---	---	---	8.8 x 4.3 x 2.8	3455	3145	37.84	45	2664	9.86	---
8	S	---	---	---	8.8 x 4.2 x 2.9	3585	3215	36.96	43	2606	11.51	---
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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-122, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7100

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/18

Dated: 29/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.7 x 4.3 x 2.8	3440	3125	37.41	42	2515	10.08	---
2	S	---	---	---	8.8 x 4.3 x 2.9	3790	3355	37.84	43	2545	12.97	---
3	S	---	---	---	8.8 x 4.3 x 3	3595	3250	37.84	40	2368	10.62	---
4	S	---	---	---	8.8 x 4.2 x 2.9	3670	3215	36.96	40	2424	14.15	---
5	S	---	---	---	8.9 x 4.2 x 3	3640	3225	37.38	42	2517	12.87	---
6	S	---	---	---	8.7 x 4.2 x 2.9	3640	3165	36.54	42	2575	15.01	---
7	S	---	---	---	8.8 x 4.2 x 2.9	3655	3235	36.96	29	1758	12.98	---
8	S	---	---	---	8.6 x 4.1 x 2.8	3460	2980	35.26	28	1779	16.11	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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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- 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.

8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-156, Shalimar Zone Lahore.

Our Ref. No. CL/CED/ 7101

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/16

Dated: 29/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.8 x 4.3 x 3	3710	3190	37.84	28	1658	16.3	---
2	S	---	---	---	8.7 x 4.2 x 2.9	3595	3125	36.54	34	2084	15.04	---
3	S	---	---	---	8.7 x 4.2 x 2.9	3510	3280	36.54	37	2268	7.01	---
4	S	---	---	---	8.8 x 4.3 x 3	3705	3130	37.84	37	2190	18.37	---
5	S	---	---	---	8.8 x 4.3 x 3	3545	3135	37.84	27	1598	13.08	---
6	S	---	---	---	8.7 x 4.2 x 2.8	3530	3195	36.54	37	2268	10.49	---
7	S	---	---	---	8.7 x 4.2 x 2.8	3595	3300	36.54	38	2330	8.94	---
8	S	---	---	---	8.8 x 4.3 x 3	3720	2930	37.84	37	2190	26.96	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-121, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7102

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/26

Dated: 29/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.5 x 4.1 x 2.8	3370	2930	34.85	35	2250	15.02	---
2	S	---	---	---	8.8 x 4.1 x 2.9	3565	3170	36.08	29	1800	12.46	---
3	S	---	---	---	8.8 x 4.3 x 2.9	3590	3155	37.84	38	2249	13.79	---
4	S	---	---	---	8.8 x 4.2 x 2.9	3505	3105	36.96	38	2303	12.88	---
5	S	---	---	---	8.8 x 4.3 x 2.9	3650	3200	37.84	39	2309	14.06	---
6	S	---	---	---	8.8 x 4.2 x 2.9	3710	3265	36.96	38	2303	13.63	---
7	S	---	---	---	8.7 x 4.1 x 2.9	3670	3255	35.67	36	2261	12.75	---
8	S	---	---	---	8.6 x 4.1 x 2.9	3560	3165	35.26	39	2478	12.48	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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

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8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-118, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7103

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/25

Dated: 29/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.8 x 4.2 x 2.9	3600	3185	36.96	34	2061	13.03	---
2	S	---	---	---	8.8 x 4.2 x 2.8	3555	3150	36.96	38	2303	12.86	---
3	S	---	---	---	8.7 x 4.3 x 2.9	3640	3235	37.41	39	2335	12.52	---
4	S	---	---	---	8.8 x 4.3 x 2.9	3635	3210	37.84	35	2072	13.24	---
5	S	---	---	---	8.9 x 4.2 x 2.8	3495	3100	37.38	34	2037	12.74	---
6	S	---	---	---	8.8 x 4.2 x 2.9	3545	3125	36.96	38	2303	13.44	---
7	S	---	---	---	8.8 x 4.1 x 2.9	3620	3180	36.08	35	2173	13.84	---
8	S	---	---	---	8.8 x 4.2 x 2.9	3465	3040	36.96	37	2242	13.98	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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

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8595

Engr. A. Rehman

To: Mr. Rajab Ali

Resident Engineer, RAVI ZONE-II, Lahore, NESPAK (Pvt) Ltd

Project: LAHORE DEVELOPMENT PROGRAM-WASA (PHASE-I) RAVI ZONE-II; Improvement of Water Supply / Sewerage System UC-43, Ravi Zone Lahore

Our Ref. No. CL/CED/ 7104

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/WASA/RAVI-II/RE/02

Dated: 1/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.8 x 4.2 x 2.9	3715	3270	36.96	38	2303	13.61	---
2	S	---	---	---	8.8 x 4.2 x 2.9	3590	3170	36.96	38	2303	13.25	---
3	S	---	---	---	8.8 x 4.3 x 2.9	3625	3215	37.84	31	1835	12.75	---
4	S	---	---	---	8.8 x 4.2 x 3	3465	3055	36.96	36	2182	13.42	---
5	S	---	---	---	8.8 x 4.3 x 2.9	3635	3145	37.84	32	1894	15.58	---
6	S	---	---	---	8.9 x 4.2 x 3	3660	3185	37.38	37	2217	14.91	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

8595

Engr. A. Rehman

To: Mr. Rajab Ali

Resident Engineer, RAVI ZONE-II, Lahore, NESPAK (Pvt) Ltd

Project: LAHORE DEVELOPMENT PROGRAM-WASA (PHASE-I) RAVI ZONE-II; Improvement of Water Supply / Sewerage System UC-44, Ravi Zone Lahore

Our Ref. No. CL/CED/ 7105

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/WASA/RAVI-II/RE/03

Dated: 1/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.7 x 4.2 x 2.9	3555	3160	36.54	34	2084	12.5	---
2	S	---	---	---	8.8 x 4.2 x 2.9	3585	3160	36.96	38	2303	13.45	---
3	S	---	---	---	8.7 x 4.2 x 2.9	3570	3145	36.54	36	2207	13.51	---
4	S	---	---	---	8.9 x 4.3 x 3	3680	3260	38.27	28	1639	12.88	---
5	S	---	---	---	8.7 x 4.2 x 3	3525	3135	36.54	35	2146	12.44	---
6	S	---	---	---	8.7 x 4 x 2.8	3665	3220	34.8	36	2317	13.82	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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

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8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-161, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7106

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/010

Dated: 28/12/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.2 x 4 x 2.6	3325	2920	32.8	36	2459	13.87	---
2	S	---	---	---	8.7 x 4.2 x 2.9	3690	3220	36.54	38	2330	14.6	---
3	S	---	---	---	8.8 x 4.1 x 2.8	3710	3225	36.08	36	2235	15.04	---
4	S	---	---	---	8.8 x 4.3 x 2.9	3615	3125	37.84	29	1717	15.68	---
5	S	---	---	---	8.7 x 4.2 x 2.9	3595	3160	36.54	28	1716	13.77	---
6	S	---	---	---	8.8 x 4.2 x 3	3690	3280	36.96	33	2000	12.5	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

8595

Engr. A. Rehman

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

Project: Improvement of Water Supply / Sewerage System UC-162, Shalimar Zone Lahore

Our Ref. No. CL/CED/ 7107

Dated: 17/1/2025

Test Specification

Your Ref. No. NESPAK/LDP/LHR/ST/13

Dated: 12/29/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/7/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	S	---	---	---	8.8 x 4.2 x 2.9	3575	3165	36.96	32	1939	12.95	---
2	S	---	---	---	8.7 x 4.1 x 2.9	3435	3000	35.67	37	2324	14.5	---
3	S	---	---	---	8.6 x 4.1 x 2.8	3430	2995	35.26	37	2351	14.52	---
4	S	---	---	---	8.8 x 4.2 x 2.8	3670	3205	36.96	38	2303	14.51	---
5	S	---	---	---	8.7 x 4.1 x 2.9	3720	3270	35.67	41	2575	13.76	---
6	S	---	---	---	8.7 x 4.2 x 2.7	3560	3195	36.54	37	2268	11.42	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

8579

Dr. M. Yousaf

To: Mr. Riaz Ahmed
Riaz Construction Company, Lahore

Project: TCF High School Karankay Cantt. Area, Lahore.

Our Ref. No. CL/CED/ 7108

Dated: 17/1/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/6/2025 Tested on: 17/1/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	B-2	---	---	---	8.5 x 4 x 3	---	3220	34	40	2635	---	---
2	B-2	---	---	---	8.6 x 4 x 3	---	3310	34.4	35	2279	---	---
3	B-2	---	---	---	8.8 x 4.2 x 3	---	3135	36.96	38	2303	---	---
4	B-2	---	---	---	8.8 x 4.2 x 3	---	3230	36.96	37	2242	---	---
5	B-2	---	---	---	8.8 x 4 x 3	---	3240	35.2	40	2545	---	---
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/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory