



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.

8715
 Dr. M. Yousaf

To: Engr. Muhammad Tariq Assi
 General Manager Construction, Jafri & Steele (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 7117

Dated: 1/21/2025

Test Specification

Your Ref. No. JSPI2025/JS-80/637

Dated: 1/20/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/21/2025 Tested on: 1/21/2025 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	# 1144 (6000 Psi), Level (-19~-9)	23	12	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	# 1145 (6000 Psi), Level (-19~-9)	23	12	2024	6Diax12	---	14	28.28	89	7050	---	Non Engraved
3	# 1146 (6000 Psi), Level (-19~-9)	23	12	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Farhan Mehboob & Mr. Ehsan Haider

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

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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

8554
Dr. Aqsa

To: Mr. Manzoor Ahmad Joya
Resident Engineer, NESPAK (Pvt) Ltd.

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M2 - Motorway, District Sheikhupura. Construction of Infrastructure (Contract Package-C). (Contractor: M/s M. Rafiq Bhatti)

Our Ref. No. CL/CED/ 7118

Dated: 1/21/2025

Test Specification

Your Ref. No. 3844/311/RE/017

Dated: 12/31/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/1/2025 Tested on: 1/21/2025 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	A7	---	---	---	8.5 x 4.1 x 2.8	3265	2950	34.85	38	2442	10.68	---
2	A7	---	---	---	8.3 x 4.2 x 2.8	3205	2850	34.86	32	2056	12.46	---
3	A7	---	---	---	8.5 x 4.2 x 2.8	3245	2795	35.7	34	2133	16.1	---
4	A7	---	---	---	8.5 x 4.1 x 2.8	3305	2940	34.85	43	2764	12.41	---
5	A7	---	---	---	8.6 x 4.3 x 2.8	3370	2920	36.98	33	1999	15.41	---
6	A7	---	---	---	8.7 x 4.1 x 2.8	3205	2870	35.67	43	2700	11.67	---
7	A7	---	---	---	8.8 x 4.3 x 3	3570	3150	37.84	29	1717	13.33	---
8	A7	---	---	---	8.8 x 4.3 x 3	3480	3025	37.84	33	1953	15.04	---
9	A7	---	---	---	8.6 x 4.2 x 3	3420	3070	36.12	27	1674	11.4	---
10	A7	---	---	---	8.7 x 4.2 x 3	3520	3105	36.54	28	1716	13.37	---
11	A7	---	---	---	8.7 x 4.2 x 2.9	3455	3140	36.54	36	2207	10.03	---
12	A7	---	---	---	8.6 x 4.1 x 2.7	2985	2695	35.26	40	2541	10.76	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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8642
Dr. Aqsa

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

Project: Construction of Office Building at Central Base Workshop at Manga Lahore.

Our Ref. No. CL/CED/ 7119

Dated: 1/21/2025

Test Specification

Your Ref. No. CC/CBS/MANGA

Dated: 1/9/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/13/2025 Tested on: 1/21/2025 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	2S5	---	---	---	8.7 x 4.2 x 2.8	---	3190	36.54	45	2759	---	---
2	2S5	---	---	---	8.7 x 4.2 x 3	---	3170	36.54	41	2513	---	---
3	2S5	---	---	---	8.7 x 4.1 x 2.9	---	3230	35.67	41	2575	---	---
4	2S5	---	---	---	8.7 x 4.2 x 2.9	---	3235	36.54	42	2575	---	---
5	2S5	---	---	---	8.7 x 4.2 x 2.9	---	3180	36.54	44	2697	---	---
6	2S5	---	---	---	8.7 x 4.2 x 2.9	---	3165	36.54	46	2820	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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8667

Dr. Aqsa

To: Mr. Salim Javed

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

Project: TENDER NO. XEN (O&M-I) NT/2024-25/58-IMPROVEMENT OF WATER SUPPLY AND SEWERAGE SYSTEM IN UC-231, NISHTER ZONE, LAHORE.

Our Ref. No. CL/CED/ 7120

Dated: 1/21/2025

Test Specification

Your Ref. No. 43101/11/MZA/01/1148

Dated: 1/8/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 1/14/2025 Tested on: 1/21/2025 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	25	---	---	---	9 x 4.4 x 3.1	3775	3225	39.6	30	1697	17.05	---
2	25	---	---	---	9 x 4.4 x 2.9	3750	3285	39.6	42	2376	14.16	---
3	25	---	---	---	9 x 4.3 x 3	3775	3345	38.7	43	2489	12.86	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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8667
Dr. Aqsa

To: Mr. Muhammad Zaki

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: REHABILITATION / IMPROVEMENT OF STREET (P.C.C), SEWERAGE / DRAINAGE UC 51, 52, 53, 54, 55, 56 (W1, 2, 3) 59,60 DATA GUNJ BUKHSH ZONE MCL.

Our Ref. No. CL/CED/ 7121

Dated: 1/21/2025

Test Specification

Your Ref. No. 4084/103/LDP/DGBT/04/18

Dated: 1/6/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 1/14/2025 Tested on: 1/21/2025 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	M	---	---	---	8.8 x 4.2 x 2.9	3755	3335	36.96	48	2909	12.59	---
2	M	---	---	---	8.9 x 4.3 x 3	3680	3285	38.27	42	2458	12.02	---
3	M	---	---	---	8.6 x 4.2 x 2.9	3735	3310	36.12	44	2729	12.84	---
4	M	---	---	---	8.8 x 4.3 x 3	3575	3200	37.84	40	2368	11.72	---
5	M	---	---	---	8.8 x 4.2 x 2.9	3625	3260	36.96	43	2606	11.2	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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

8624
Dr. Aqsa

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore.

Project: Const of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Pkg-C), (At H/R RD. 266+000/L Downstream Stiling Basin / Cistern Left Side Wall (H/C 8ft), Downstream of End Sill Cut Of Our Ref. No. CL/CED/ 7122

Dated: 1/21/2025

Test Specification

Your Ref. No. 07/Camp

Dated: 1/6/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 1/21/2025 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	(1:1.45:2.20)	9	12	2024	6Diax12	---	14.4	28.28	49	3881	---	Non Engraved
2	(1:1.45:2.20)	9	12	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	(1:1.45:2.20)	9	12	2024	6Diax12	---	14.2	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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8624
Dr. Aqsa

To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore.

Project: Const. of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package - C), At H/R RD. 266+000/L Downstream Stiling Basin / Cistern Wing Wall Footing Slab.

Our Ref. No. CL/CED/ 7123

Dated: 1/21/2025

Test Specification

Your Ref. No. 08-B/Camp

Dated: 1/8/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 1/21/2025 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	(1:1.45:2.20)	12	12	2024	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	(1:1.45:2.20)	12	12	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	(1:1.45:2.20)	12	12	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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To: Sub Divisional Officer
Ravi Syphon Sub Division, Batapur, Lahore.

Project: Const. of Gated Head Regulators From RD. 205+000 to 283+000 of BRBD Link Canal (Package - C), At H/R RD. 266+000/L Downstream Stiling Basin / Cistern Left & Right Side Wall (H/C 4 Ft.)

Our Ref. No. CL/CED/ 7124

Dated: 1/21/2025

Test Specification

Your Ref. No. 09/Camp

Dated: 1/8/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 1/21/2025 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	(1:1.45:2.20)	11	12	2024	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	(1:1.45:2.20)	11	12	2024	6Diax12	---	14	28.28	36	2851	---	Non Engraved
3	(1:1.45:2.20)	11	12	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

8660
Dr. Aqsa

To: Mr. Umair Latif
Development Engineer, University of The Punjab, Office of The Chief Engineer
Project: Construction of New Academic Block at Hailey College of Banking and Finance at A.I.C, University of The Punjab, Lahore.
Our Ref. No. CL/CED/ 7125 Dated: 1/21/2025 Test Specification
Your Ref. No. D-4155-D.E. Dated: 1/13/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/14/2025 Tested on: 1/21/2025 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	FF Col. Grid A-B (1:1.5:3)	10	12	2024	6Diax12	---	14	28.28	43	3406	---	Engraved
2	FF Col. Grid A-B (1:1.5:3)	10	12	2024	6Diax12	---	14	28.28	45	3564	---	Engraved
3	FF R.C.C. Lift Grid E-F (1:1.5:3)	9	12	2024	6Diax12	---	14	28.28	72	5703	---	Engraved
4	FF R.C.C. Lift Grid E-F (1:1.5:3)	9	12	2024	6Diax12	---	13.8	28.28	65	5149	---	Engraved
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/>

- * 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

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

8627
Dr. Aqsa

To: Mr. Zahir Ullah
Sub Engr-I (Works Division) SUPARCO, Lahore.

Project: Construction of Vehicle RCC Parking Sheds at SRDC-L.

Our Ref. No. CL/CED/ 7126

Dated: 1/21/2025

Test Specification

Your Ref. No. 63301 (4102) Works/Div/SRDC-L

Dated: 1/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 1/21/2025 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	RCC Footing, 3500 Psi	3	1	2025	6Diax12	---	13.6	28.28	14	1109	---	Non Engraved
2	RCC Footing, 3500 Psi	3	1	2025	6Diax12	---	13.4	28.28	21	1663	---	Non Engraved
3	RCC Footing, 3500 Psi	3	1	2025	6Diax12	---	13.4	28.28	22	1743	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

8618
Dr. Aqsa

To: Mr. H. Shokat Ali
Mohsin Steel Works, Nawab Bazar, Liaquat Abad Kot Lakhpat.

Project: 18 FM Ferozpur Road Lahore, Descon Head Office

Our Ref. No. CL/CED/ 7127

Dated: 1/21/2025

Test Specification

Your Ref. No. Nil

Dated: 1/9/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/9/2025 Tested on: 1/21/2025 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	8	12	2024	6Diax12	---	14.2	28.28	62	4911	---	Engraved
2	3000 Psi	8	12	2024	6Diax12	---	14.4	28.28	59	4673	---	Engraved
3	3000 Psi	8	12	2024	6Diax12	---	14	28.28	92	7287	---	Engraved
4	3000 Psi	11	12	2024	6Diax12	---	14	28.28	34	2693	---	Engraved
5	3000 Psi	11	12	2024	6Diax12	---	14	28.28	54	4277	---	Engraved
6	3000 Psi	11	12	2024	6Diax12	---	14.6	28.28	50	3960	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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
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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

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

8668
Dr. Aqsa

To: Engr. Tajammal Farooq
Project Manager, AZ Engineering Associates

Project: Construction of Boundary Wall at Bhikki Power Plant, Sheikhpura.

Our Ref. No. CL/CED/ 7128

Dated: 1/21/2025

Test Specification

Your Ref. No. AZE/31741

Dated: 1/14/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 1/15/2025 Tested on: 1/21/2025 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	Footing P.C.C.	20	12	2024	6Diax12	---	12	28.28	5	396	---	Engraved
2	Footing P.C.C.	20	12	2024	6Diax12	---	12.6	28.28	6	475	---	Engraved
3	Footing P.C.C.	20	12	2024	6Diax12	---	11.8	28.28	5	396	---	Engraved
4	Col. Footing R.C.C. (1:1.5:3)	26	12	2024	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
5	Col. Footing R.C.C. (1:1.5:3)	26	12	2024	6Diax12	---	12.6	28.28	34	2693	---	Non Engraved
6	Col. Footing R.C.C. (1:1.5:3)	26	12	2024	6Diax12	---	12.4	28.28	32	2535	---	Non Engraved
7	Tie Beam R.C.C. (1:1.5:3)	5	1	2025	6Diax12	---	11.6	28.28	18	1426	---	Non Engraved
8	Tie Beam R.C.C. (1:1.5:3)	5	1	2025	6Diax12	---	11.4	28.28	18	1426	---	Non Engraved
9	Tie Beam R.C.C. (1:1.5:3)	5	1	2025	6Diax12	---	12.4	28.28	23	1822	---	Non Engraved
10	Footing P.C.C.	9	12	2024	6Diax12	---	13.6	28.28	7	554	---	Engraved
11	Footing P.C.C.	9	12	2024	6Diax12	---	12.6	28.28	6	475	---	Engraved
12	Footing P.C.C.	9	12	2024	6Diax12	---	12.6	28.28	5	396	---	Engraved
13	Footing P.C.C.	16	12	2024	6Diax12	---	12.4	28.28	11	871	---	Engraved
14	Footing P.C.C.	16	12	2024	6Diax12	---	13	28.28	10	792	---	Engraved
15	Footing P.C.C.	16	12	2024	6Diax12	---	13	28.28	9	713	---	Engraved
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- * 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

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

8529
Dr. Aqsa

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

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 7129

Dated: 1/21/2025

Test Specification

Your Ref. No. HMBDPL/S.O/12/24/155 (LHR)

Dated: 12/30/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 12/30/2024 Tested on: 1/21/2025 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	757	---	---	---	8.9 x 4.3 x 3	3750	3285	38.27	41	2400	14.16	---
2	757	---	---	---	8.9 x 4.3 x 3	3645	3230	38.27	38	2224	12.85	---
3	757	---	---	---	8.9 x 4.3 x 3	3730	3290	38.27	38	2224	13.37	---
4	757	---	---	---	9 x 4.4 x 3	3715	3315	39.6	36	2036	12.07	---
5	757	---	---	---	8.9 x 4.3 x 3	3695	3290	38.27	26	1522	12.31	---
6	7UP	---	---	---	8.5 x 4.2 x 2.9	3390	3075	35.7	35	2196	10.24	---
7	7UP	---	---	---	8.6 x 4.2 x 3	3540	3165	36.12	36	2233	11.85	---
8	7UP	---	---	---	8.6 x 4.1 x 2.9	3640	3195	35.26	37	2351	13.93	---
9	7UP	---	---	---	8.6 x 4.1 x 2.8	3635	3245	35.26	39	2478	12.02	---
10	7UP	---	---	---	8.6 x 4.1 x 2.8	3660	3205	35.26	44	2795	14.2	---
11	MEO	---	---	---	8.8 x 4.3 x 2.9	3615	3255	37.84	38	2249	11.06	---
12	MEO	---	---	---	8.9 x 4.4 x 3	3770	3235	39.16	31	1773	16.54	---
13	MEO	---	---	---	9 x 4.3 x 3.1	3890	3330	38.7	33	1910	16.82	---
14	MEO	---	---	---	9 x 4.4 x 3	3765	3210	39.6	33	1867	17.29	---
15	MEO	---	---	---	8.9 x 4.3 x 3	3715	3330	38.27	28	1639	11.56	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- 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

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

8633
Dr. Aqsa

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

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha.

Our Ref. No. CL/CED/ 7130

Dated: 1/21/2025

Test Specification

Your Ref. No. Metrop-Asian-JV/IDAP-NSIC-LAB-SGD-RE/137

Dated: 12/19/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 1/10/2025 Tested on: 1/21/2025 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	Rectangular, Red, 50mm	---	---	---	7.7 x 3.7 x 1.9	---	2300	28.49	111	8727	---	---
2	Rectangular, Red, 50mm	---	---	---	7.7 x 3.7 x 1.9	---	2245	28.49	107	8413	---	---
3	Rectangular, Red, 50mm	---	---	---	7.7 x 3.7 x 1.9	---	2325	28.49	104	8177	---	---
4	Rectangular, Red, 50mm	---	---	---	7.7 x 3.7 x 1.9	---	2260	28.49	114	8963	---	---
5	Rectangular, Red, 50mm	---	---	---	7.7 x 3.7 x 1.9	---	2280	28.49	100	7862	---	---
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
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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.

8677
Dr. Aqsa

To: Sub Divisional Officer
Building's Sub Division No.14, Lahore.

Project: Improvement and Renovation of Government Pilot Boys Higher Secondary School Wahdat Colony Lahore.

Our Ref. No. CL/CED/ 7131

Dated: 1/21/2025

Test Specification

Your Ref. No. 10

Dated: 1/4/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 1/15/2025 Tested on: 1/21/2025 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	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1420	14.97	16	2394	---	---
2	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1390	14.97	16	2394	---	---
3	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1340	14.97	12	1796	---	---
4	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1410	14.97	20	2993	---	---
5	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1265	14.97	11	1646	---	---
6	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1285	14.97	11	1646	---	---
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/>

- * 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