



**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.

227  
 Dr. M. Yousaf

**To:** Municipal Officer  
 Municipal Committee, Gojra.

**Project:** Rehabilitation / Improvement of Pine Avenue Road (Gojra-Jhang Road) Municipal Committee Gojra.

**Our Ref. No.** CL/CED/ 9544

**Dated:** 25/09/2025

**Test Specification**

**Your Ref. No.** 4277

**Dated:** 23/09/2025

( ---- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 25/09/2025 **Tested on:** 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3395	30.42	61	4492	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3620	30.42	51	3755	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3535	30.42	43	3166	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3510	30.42	42	3093	---	---
5	Rectangular, Red, 80mm	---	---	---	7.7 x 3.9 x 3	---	3290	30.03	60	4476	---	---
6	Rectangular, Red, 80mm	---	---	---	7.7 x 3.9 x 3	---	3295	30.03	82	6117	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:** Mr. Waqar Ahmed, CNIC # 35201-6244640-9

**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**



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**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
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0167 & 0221  
 Dr. M.Yousaf

**To: Mr. M. Zaki**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division  
 Project: Rehabilitation / Improvement of Street (P.C.C) Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL. (Jalal Deen Road UC-69)  
 Our Ref. No. CL/CED/ 9545      Dated: 25/09/2025  
 Your Ref. No. 4084/103/LDP/DGBT/04/147      Dated: 15/09/2025

Test Specification  
 ( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3705	29.64	87	6575	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3820	29.64	100	7557	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3705	29.64	92	6953	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3735	29.64	108	8162	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3735	29.64	84	6348	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3685	29.64	81	6121	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3740	29.64	73	5517	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3715	29.64	78	5895	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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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
- \*\*\* 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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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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0167 & 0221  
Dr. M.Yousaf

To: Mr. M. Zaki  
Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division

Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL

Our Ref. No. CL/CED/ 9546

Dated: 25/09/2025

Test Specification

Your Ref. No. 4084/103/LDP/DGBT/04/148

Dated: 15/09/2025

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3690	29.64	115	8691	---	UC-81
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3695	29.64	94	7104	---	UC-81
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3870	29.64	100	7557	---	UC-81
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3720	29.64	105	7935	---	UC-81
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3690	29.64	88	6650	---	UC-81
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3565	29.64	85	6424	---	UC-81
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3705	29.64	133	10051	---	UC-81
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3790	29.64	90	6802	---	UC-81
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3740	29.64	84	6348	---	UC-81
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3790	29.64	84	6348	---	UC-81
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3770	29.64	83	6273	---	UC-81
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3760	29.64	80	6046	---	UC-81
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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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
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**To: Mr. M. Zaki**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division  
 Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9547  
 Your Ref. No. 4084/103/LDP/DGBT/04/149

Dated: 25/09/2025  
 Dated: 15/09/2025

Test Specification  
 ( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: **17/09/2025** Tested on: **25/09/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	96	7069	---	UC-168
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	106	7805	---	UC-168
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2745	30.42	126	9278	---	UC-168
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	120	8836	---	UC-168
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2750	30.42	118	8689	---	UC-168
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2700	30.42	100	7364	---	UC-168
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2635	30.42	129	9499	---	UC-168
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	119	8763	---	UC-168
9	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2765	30.42	84	6185	---	UC-168
10	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2875	30.42	100	7364	---	UC-168
11	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2770	30.42	98	7216	---	UC-168
12	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2725	30.42	90	6627	---	UC-168
13	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2715	30.42	91	6701	---	UC-168
14	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2770	30.42	94	6922	---	UC-168
15	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2795	30.42	98	7216	---	UC-168
16	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	98	7216	---	UC-168

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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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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Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL

Our Ref. No. CL/CED/ 9548-1 of 3

Dated: 25/09/2025

Test Specification

Your Ref. No. 4084/103/LDP/DGBT/04/150

Dated: 15/09/2025

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	109	8026	---	UC-169
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2865	30.42	112	8247	---	UC-169
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	104	7658	---	UC-169
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2715	30.42	111	8174	---	UC-169
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2695	30.42	119	8763	---	UC-169
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2765	30.42	132	9720	---	UC-169
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	127	9352	---	UC-169
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2795	30.42	110	8100	---	UC-169
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2725	30.42	110	8100	---	UC-169
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2675	30.42	114	8394	---	UC-169
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2760	30.42	125	9204	---	UC-169
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2750	30.42	129	9499	---	UC-169
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2795	30.42	124	9131	---	UC-169
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2690	30.42	110	8100	---	UC-169
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	122	8984	---	UC-169
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2750	30.42	102	7511	---	UC-169

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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Our Ref. No. CL/CED/ 9548-2 of 3  
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Dated: 25/09/2025  
Dated: 15/09/2025

Test Specification  
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## COMPRESSION TEST REPORT



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

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Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
17	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2715	30.42	92	6774	---	UC-169	
18	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2860	30.42	119	8763	---	UC-169	
19	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	110	8100	---	UC-169	
20	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2700	30.42	110	8100	---	UC-169	
21	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2820	30.42	119	8763	---	UC-169	
22	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2745	30.42	99	7290	---	UC-169	
23	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2810	30.42	91	6701	---	UC-169	
24	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	84	6185	---	UC-169	
25	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2690	30.42	86	6333	---	UC-169	
26	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2925	30.42	96	7069	---	UC-169	
27	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2800	30.42	135	9941	---	UC-169	
28	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	116	8542	---	UC-169	
29	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2840	30.42	91	6701	---	UC-169	
30	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2870	30.42	94	6922	---	UC-169	
31	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2935	30.42	94	6922	---	UC-169	
32	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	108	7953	---	UC-169	

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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0167 & 0221  
 Dr. M.Yousaf

**To: Mr. M. Zaki**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division  
 Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9548-3 of 3  
 Your Ref. No. 4084/103/LDP/DGBT/04/150

Dated: 25/09/2025  
 Dated: 15/09/2025

Test Specification  
 ( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
33	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	86	6333	---	UC-169
34	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2925	30.42	89	6554	---	UC-169
35	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2765	30.42	128	9425	---	UC-169
36	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2735	30.42	88	6480	---	UC-169
37	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2615	30.42	81	5964	---	UC-169
38	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	103	7584	---	UC-169
39	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	3130	30.42	104	7658	---	UC-169
40	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2970	30.42	100	7364	---	UC-169
41	---	---	---	---	---	---	---	---	---	---	---	---
42	---	---	---	---	---	---	---	---	---	---	---	---
43	---	---	---	---	---	---	---	---	---	---	---	---
44	---	---	---	---	---	---	---	---	---	---	---	---
45	---	---	---	---	---	---	---	---	---	---	---	---
46	---	---	---	---	---	---	---	---	---	---	---	---
47	---	---	---	---	---	---	---	---	---	---	---	---
48	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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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0167 & 0221  
Dr. M.Yousaf

To: Mr. M. Zaki  
Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division

Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL

Our Ref. No. CL/CED/ 9549

Dated: 25/09/2025

Test Specification

Your Ref. No. 4084/103/LDP/DGBT/04/151

Dated: 15/09/2025

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3595	29.64	74	5592	---	UC-169
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3650	29.64	104	7860	---	UC-169
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3785	29.64	97	7331	---	UC-169
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3645	29.64	102	7709	---	UC-169
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3660	29.64	77	5819	---	UC-169
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3545	29.64	92	6953	---	UC-169
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3548	29.64	164	12394	---	UC-169
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3580	29.64	160	12092	---	UC-169
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3575	29.64	146	11034	---	UC-169
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3505	29.64	126	9522	---	UC-169
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3530	29.64	137	10354	---	UC-169
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3560	29.64	154	11638	---	UC-169
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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

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0167 & 0221  
Dr. M.Yousaf

To: **Mr. M. Zaki**  
Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division  
Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
Our Ref. No. CL/CED/ 9550  
Your Ref. No. 4084/103/LDP/DGBT/04/152

Dated: 25/09/2025

Test Specification

Dated: 15/09/2025

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3710	29.64	82	6197	---	UC-170	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3730	29.64	94	7104	---	UC-170	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3715	29.64	88	6650	---	UC-170	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3775	29.64	85	6424	---	UC-170	
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3595	29.64	141	10656	---	UC-170	
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3530	29.64	131	9900	---	UC-170	
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3560	29.64	134	10127	---	UC-170	
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3540	29.64	136	10278	---	UC-170	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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

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**To: Mr. M. Zaki**  
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 Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9551-1 of 2      Dated: 25/09/2025  
 Your Ref. No. 4084/103/LDP/DGBT/04/153      Dated: 15/09/2025

Test Specification  
 ( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: **17/09/2025** Tested on: **25/09/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2710	30.42	102	7511	---	UC-170
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2680	30.42	114	8394	---	UC-170
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2680	30.42	103	7584	---	UC-170
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2855	30.42	116	8542	---	UC-170
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2800	30.42	106	7805	---	UC-170
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	116	8542	---	UC-170
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2830	30.42	124	9131	---	UC-170
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2815	30.42	114	8394	---	UC-170
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2955	30.42	128	9425	---	UC-170
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2845	30.42	120	8836	---	UC-170
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2840	30.42	119	8763	---	UC-170
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2785	30.42	103	7584	---	UC-170
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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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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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Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
Our Ref. No. CL/CED/ 9551-2 of 2  
Your Ref. No. 4084/103/LDP/DGBT/04/153

Dated: 25/09/2025

Test Specification

Dated: 15/09/2025

( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2765	30.42	125	9204	---	UC-170
2	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2705	30.42	97	7143	---	UC-170
3	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	123	9057	---	UC-170
4	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2690	30.42	130	9573	---	UC-170
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2730	30.42	126	9278	---	UC-170
6	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2760	30.42	122	8984	---	UC-170
7	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2780	30.42	108	7953	---	UC-170
8	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	118	8689	---	UC-170
9	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	94	6922	---	UC-170
10	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2705	30.42	128	9425	---	UC-170
11	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	112	8247	---	UC-170
12	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2950	30.42	115	8468	---	UC-170
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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- \* as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
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 Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9552      Dated: 25/09/2025  
 Your Ref. No. 4084/103/LDP/DGBT/04/154      Dated: 15/09/2025

Test Specification  
 ( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/09/2025 Tested on: 25/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2735	30.42	142	10456	---	UC-171
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	110	8100	---	UC-171
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2710	30.42	118	8689	---	UC-171
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2720	30.42	122	8984	---	UC-171
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2800	30.42	114	8394	---	UC-171
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2780	30.42	110	8100	---	UC-171
7	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	90	6627	---	UC-171
8	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	100	7364	---	UC-171
9	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2710	30.42	94	6922	---	UC-171
10	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	91	6701	---	UC-171
11	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2775	30.42	90	6627	---	UC-171
12	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2930	30.42	100	7364	---	UC-171
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9553      Dated: 25/09/2025  
 Your Ref. No. 4084/103/LDP/DGBT/04/155      Dated: 15/09/2025

Test Specification  
 ( --- )

## COMPRESSION TEST REPORT



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

Specimens received on: **17/09/2025** Tested on: **25/09/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3730	29.64	101	7633	---	UC-171
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3670	29.64	82	6197	---	UC-171
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3745	29.64	101	7633	---	UC-171
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3700	29.64	108	8162	---	UC-171
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3715	29.64	75	5668	---	UC-171
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3730	29.64	104	7860	---	UC-171
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3590	29.64	127	9598	---	UC-171
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3535	29.64	117	8842	---	UC-171
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3575	29.64	106	8011	---	UC-171
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3520	29.64	140	10580	---	UC-171
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3540	29.64	138	10429	---	UC-171
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3640	29.64	133	10051	---	UC-171
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: **Mr. Waqas, CNIC # 33303-6787060-9**

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.

0167 & 0221  
 Dr. M.Yousaf

**To: Mr. M. Zaki**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division  
 Project: Rehabilitation / Improvement of Street (P.C.C), Sewerage/ Drainage  
 UC70,168,169,170,171,69,81,198,199, Data Gunj Bukhsh Zone MCL  
 Our Ref. No. CL/CED/ 9554      Dated: 25/09/2025  
 Your Ref. No. 4084/103/LDP/DGBT/04/156      Dated: 15/09/2025

Test Specification  
 ( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: **17/09/2025** Tested on: **25/09/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2695	30.42	114	8394	---	UC-199
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	121	8910	---	UC-199
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2560	30.42	106	7805	---	UC-199
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2740	30.42	128	9425	---	UC-199
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2790	30.42	112	8247	---	UC-199
6	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2700	30.42	101	7437	---	UC-199
7	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2830	30.42	71	5228	---	UC-199
8	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2700	30.42	73	5375	---	UC-199
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Waqas, CNIC # 33303-6787060-9

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

197  
Dr. M. Mazhar

To: Mr. Farhan Tariq Khan  
Project Manager, The First Brick (SMC PVT) Ltd.

Project: Ravi Business Centre

Our Ref. No. CL/CED/ 9555

Dated: 25/09/2025

Test Specification

Your Ref. No. TFB-RBC-Rep-010

Dated: 22/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22/09/2025 Tested on: 24/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	17	8	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	---	17	8	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\*\* AC1318-08 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.

197  
Dr. M. Mazhar

To: Mr. Farhan Tariq Khan  
Project Manager, The First Brick (SMC PVT) Ltd. (Importers & Distributors®)

Project: Ravi Business Centre

Our Ref. No. CL/CED/ 9556

Dated: 25/09/2025

Test Specification

Your Ref. No. TFB-RBC-Rep-011

Dated: 22/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22/09/2025 Tested on: 24/09/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	29	8	2025	6Diax12	---	14	28.28	48	3802	---	Engraved
2	---	2	9	2025	6Diax12	---	14	28.28	42	3327	---	Engraved
3	---	2	9	2025	6Diax12	---	13.6	28.28	38	3010	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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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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