



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.

9071
Dr. Umbreen

To: Mr. Muhammad Omar Masud
Chief Executive Officer, The Urban Unit. Government of the Punjab.

Project: Establishment of Garment Cities in Punjab at Quaid-e-Azam Business Park Sheikhpura.

Our Ref. No. CL/CED/ 7721-4 of 4

Dated: 20/03/2025

Test Specification

Your Ref. No. 33352

Dated: 07/03/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 10/03/2025 Tested on: 20/03/2025 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	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3395	2835	36.96	24	1455	19.75	Unit-I
2	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.8	3435	2880	37.84	26	1539	19.27	Unit-I
3	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	3365	2855	36.96	27	1636	17.86	Unit-I
4	Machine Made Double Line	---	---	---	8.8 x 4.3 x 2.8	3445	2900	37.84	20	1184	18.79	Unit-I
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.9	3480	2930	36.96	35	2121	18.77	Unit-I
6	K	---	---	---	8.6 x 4.1 x 2.9	3280	2825	35.26	20	1271	16.11	Unit-II
7	K	---	---	---	8.6 x 4.2 x 2.9	3280	2875	36.12	32	1984	14.09	Unit-II
8	K	---	---	---	8.8 x 4.2 x 2.9	3310	2920	36.96	32	1939	13.36	Unit-II
9	K	---	---	---	8.8 x 4.1 x 2.9	3340	2940	36.08	28	1738	13.61	Unit-II
10	K	---	---	---	8.5 x 4 x 3	3320	2880	34	22	1449	15.28	Unit-II
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"dia x 12" 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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8996
 Dr. Umbreen

To: Mr. Tariq Sultan
 Resident Engineer, For M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Model Bazaar Wazirabad.

Our Ref. No. CL/CED/ 7765

Dated: 20/03/2025

Test Specification

Your Ref. No. MAS-RE/MBW/25/01

Dated: 24/02/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 **Tested on:** 20/03/2025 **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	HN	---	---	---	8.5 x 4.2 x 2.7	---	2790	35.7	33	2071	---	---
2	HN	---	---	---	8.5 x 4.2 x 2.7	---	2990	35.7	31	1945	---	---
3	HN	---	---	---	8.8 x 4.1 x 2.9	---	2935	36.08	25	1552	---	---
4	HN	---	---	---	8.5 x 4 x 2.7	3185	2895	34	---	---	10.02	---
5	HN	---	---	---	8.5 x 4.1 x 2.7	3125	2825	34.85	---	---	10.62	---
6	HN	---	---	---	8.5 x 4.1 x 2.5	2975	2685	34.85	---	---	10.8	---
7	1	---	---	---	8.5 x 4 x 2.6	---	2655	34	35	2306	---	---
8	1	---	---	---	8.5 x 4 x 2.6	---	2675	34	28	1845	---	---
9	1	---	---	---	8.5 x 4 x 2.7	---	2720	34	34	2240	---	---
10	1	---	---	---	8.4 x 4 x 2.6	2920	2630	33.6	---	---	11.03	---
11	1	---	---	---	8.5 x 4 x 2.8	2980	2725	34	---	---	9.36	---
12	1	---	---	---	8.5 x 4 x 2.8	2975	2695	34	---	---	10.39	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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8996
 Dr. Umbreen

To: Mr. Khizar Hayat
 Resident Engineer, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazars in Different Cities of Punjab. (Model Bazar Bhalwal)

Our Ref. No. CL/CED/ 7766

Dated: 20/03/2025

Test Specification

Your Ref. No. MAS-RE/MBB/02

Dated: 24/02/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 **Tested on:** 20/03/2025 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	77	---	---	---	8.8 x 4.3 x 2.9	3490	3080	37.84	31	1835	13.31	---
2	77	---	---	---	8.9 x 4.3 x 3	3560	3135	38.27	33	1932	13.56	---
3	77	---	---	---	8.8 x 4.3 x 3	3575	3165	37.84	30	1776	12.95	---
4	77	---	---	---	8.8 x 4.3 x 3	3570	3145	37.84	27	1598	13.51	---
5	77	---	---	---	8.8 x 4.3 x 3	3655	3225	37.84	33	1953	13.33	---
6	104	---	---	---	8.5 x 4.1 x 2.8	3020	2695	34.85	32	2057	12.06	---
7	104	---	---	---	8.5 x 4 x 2.7	3085	2695	34	32	2108	14.47	---
8	104	---	---	---	8.5 x 4.1 x 2.7	3030	2655	34.85	35	2250	14.12	---
9	104	---	---	---	8.6 x 4.1 x 2.8	3110	2725	35.26	36	2287	14.13	---
10	104	---	---	---	8.5 x 4.1 x 2.7	2915	2545	34.85	24	1543	14.54	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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9154
 Dr. Umbreen

To: Manager Civil
HSM Engineering

Project: Construction of Deisel Storage Tank at Attock Petroleum Railway Road Sialkot (Askri iv)

Our Ref. No. CL/CED/ 7767

Dated: 20/03/2025

Test Specification

Your Ref. No. Nil

Dated: 20/03/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20/03/2025 Tested on: 20/03/2025 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	15	2	2025	6x6x6	---	8	36	62	3858	---	Non Engraved
2	3000 Psi	15	2	2025	6x6x6	---	8.2	36	84	5227	---	Non Engraved
3	3000 Psi	15	2	2025	6x6x6	---	8.2	36	75	4667	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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