



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.

5482
 Dr. Umbreen

To: Sub Divisional Forest Officer
 Changa Manga

Project: Construction of Boundary Wall under PC-I Scheme Strengthening of Protection Regime in Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 2313

Dated: 10-07-23

Test Specification

Your Ref. No. 937/CGM

Dated: 09-06-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27-06-23 Tested on: 10-07-23 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	MB	---	---	---	8.8 x 4.3 x 2.8	---	3245	37.84	53	3137	---	---	
2	MB	---	---	---	8.7 x 4.3 x 3	---	3465	37.41	61	3652	---	---	
3	MB	---	---	---	8.8 x 4.3 x 2.9	---	3325	37.84	47	2782	---	---	
4	MB	---	---	---	9 x 4.4 x 2.9	---	3375	39.6	49	2772	---	---	
5	MB	---	---	---	8.8 x 4.3 x 3	---	3455	37.84	43	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" 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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5417
 Dr. Umbreen

To: Assistant Engineer, Engineering Wing.
 University of Sahiwal, Sahiwal

Project: Extension of Hall/Store Room Near Cafeteria at University of Sahiwal.

Our Ref. No. CL/CED/ 2314

Dated: 10-07-23

Test Specification

Your Ref. No. UOSL/EW/22-23073

Dated: 15-06-23

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COMPRESSION TEST REPORT



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

Specimens received on: **16-06-23** Tested on: **10-07-23** 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	222	---	---	---	8.8 x 4.3 x 2.8	3400	2975	37.84	47	2782	14.29	Machine Made	
2	222	---	---	---	8.7 x 4.3 x 2.8	3400	2950	37.41	49	2934	15.25	Machine Made	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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5469
 Dr. Umbreen

To: Mr. Tariq Akhtar
 SALVEO Private Limited.

Project: Construction of Rachna Industrial Estate Sheikhpura, Plot No.19.

Our Ref. No. CL/CED/ 2315

Dated: 10-07-23

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: 23-06-23 Tested on: 10-07-23 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	U	---	---	---	9 x 4.4 x 2.8	---	3685	39.6	48	2715	---	Fly Ash Brick	
2	U	---	---	---	9 x 4.4 x 2.8	---	3405	39.6	41	2319	---	Fly Ash Brick	
3	U	---	---	---	9 x 4.4 x 2.8	---	3535	39.6	47	2659	---	Fly Ash Brick	
4	U	---	---	---	9 x 4.4 x 2.9	---	3610	39.6	29	1640	---	Fly Ash Brick	
5	U	---	---	---	9 x 4.4 x 3	---	3825	39.6	33	1867	---	Fly Ash Brick	
6	U	---	---	---	9 x 4.4 x 2.9	---	3705	39.6	43	2432	---	Fly Ash Brick	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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