



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.

2906
 Dr. Mazhar

To: Sub Divisional Officer
 Building Sub Division Chauburji, Estate Lahore.

Project: Construction Drain for Rain Water at Chauburji Garden Estate, Lahore.

Our Ref. No. CL/CED/ 8423

Dated: 30-03-22

Test Specification

Your Ref. No. 208-09/C.E.

Dated: 12-02-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-03-22 Tested on: 29-03-22 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	MT	---	---	---	8.9 x 4.4 x 3.1	3745	3285	39.16	47	2688	14	---	
2	MT	---	---	---	9 x 4.4 x 3	3715	3270	39.6	45	2545	13.61	---	
3	MT	---	---	---	9 x 4.4 x 3.1	3840	3380	39.6	49	2772	13.61	---	
4	MT	---	---	---	8.9 x 4.4 x 3.1	3785	3345	39.16	47	2688	13.15	---	
5	MT	---	---	---	9 x 4.3 x 3	3750	3295	38.7	35	2026	13.81	---	
6	MT	---	---	---	8.8 x 4.3 x 2.9	3720	3285	37.84	51	3019	13.24	---	
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



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2931
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division No.15, Lahore.

Project: Construction of two more Floor for Establishment of High Court Offices at Judicial Academy Fan Road, Lahore.

Our Ref. No. CL/CED/ 8424

Dated: 30-03-22

Test Specification

Your Ref. No. 1425/15th

Dated: 05-03-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **29-03-22** 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	S2	---	---	---	8.7 x 4.2 x 2.8	3480	3200	36.54	75	4598	8.75	---
2	S2	---	---	---	8.8 x 4.3 x 2.8	3560	3240	37.84	65	3848	9.88	---
3	S2	---	---	---	8.9 x 4.4 x 3	3475	3000	39.16	51	2917	15.83	---
4	S2	---	---	---	8.8 x 4.3 x 2.9	3625	3305	37.84	75	4440	9.68	---
5	S2	---	---	---	8.9 x 4.3 x 2.9	3740	3350	38.27	69	4039	11.64	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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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Director/Dy. Director Concrete Laboratory



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2963
 Dr. Mazhar

To: (M. Nadeem Zafar Ullah), Incharge (Civil)
 For Managing Director, SNGPL Limited. 21-Kashmir Road, Lahore.

Project: Construction and Commission of Weighbridge at Central Base Store Manga.

Our Ref. No. CL/CED/ 8425

Dated: 30-03-22

Test Specification

Your Ref. No. CC/W. Bridge/CBS/Manga

Dated: 18-03-22

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-03-22 **Tested on:** 29-03-22 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	25	---	---	---	8.7 x 4.3 x 2.9	3420	3070	37.41	71	4251	11.4	---
2	25	---	---	---	8.6 x 4.3 x 2.8	3490	3135	36.98	77	4664	11.32	---
3	25	---	---	---	8.8 x 4.3 x 2.9	3445	3055	37.84	57	3374	12.77	---
4	25	---	---	---	8.7 x 4.3 x 2.8	3410	3060	37.41	51	3054	11.44	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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