



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.

2503
 Dr. Umbreen

To: Mr. Muhammad Saleem, GM
 Professional Construction Services (Pvt) Ltd.

Project: Allied Bank PIA Employees Society Lahore. (1st Floor Columns, Lift Wall, Locker Wall)

Our Ref. No. CL/CED/ 6789

Dated: 06-01-22

Test Specification

Your Ref. No. PCS/21/Eng-145-A

Dated: 30-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-12-21 Tested on: 05-01-22 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	(1:1.5:3)	25	11	2021	6Diax12	---	14.8	28.28	83	6574	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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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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 Dr. Umbreen

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Project: Allied Bank PIA Employees Society Lahore. (1st Floor Columns, Lift Wall, Locker Wall)

Our Ref. No. CL/CED/ 6790

Dated: 06-01-22

Test Specification

Your Ref. No. PCS/21/Eng-145-B

Dated: 30-12-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30-12-21 **Tested on:** 05-01-22 **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	(1:1.5:3)	25	11	2021	6Diax12	---	14	28.28	92	7287	---	Non Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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)
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Dr. Umbreen

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Professional Construction Services (Pvt) Ltd.

Project: Allied Bank PIA Employees Society Lahore. (1st Floor Columns, Lift Wall, Locker Wall)

Our Ref. No. CL/CED/ 6791

Dated: 06-01-22

Test Specification

Your Ref. No. PCS/21/Eng-145-C

Dated: 30-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-12-21 Tested on: 05-01-22 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	(1:1.5:3)	25	11	2021	6Diax12	---	13.2	28.28	88	6970	---	Non Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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
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2416
 Dr. Umbreen

To: Brig. Saeed Ahmed Malik, SI (M), (R), RE.
 H&TE Div., NESPAK (Pvt.) Ltd. Lahore.

Project: Rehab. of Street Umair Haveli Bagh Wali Near Rice Mills, Village Hair Bedian Road Nishtar Zone,
 Lhr. Rehab. of PCC From House Doctor Aziz-Ur-Rehman to M. Usman Haveli Bagh Wali Village Hier Bedian
 Our Ref. No. CL/CED/ 6792 Dated: 06-01-22

Test Specification

Your Ref. No. 4084/103/BSAM/104/585

Dated: 06-12-21

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **10-12-21** Tested on: **05-01-22** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	P	---	---	---	8.8 x 4.3 x 3	3660	3270	37.84	49	2901	11.93	---
2	P	---	---	---	8.5 x 4.2 x 3	3610	3200	35.7	41	2573	12.81	---
3	P	---	---	---	8.6 x 4.2 x 3	3620	3245	36.12	57	3535	11.56	---
4	P	---	---	---	8.8 x 4.4 x 3	3705	3255	38.72	49	2835	13.82	---
5	P	---	---	---	8.8 x 4.4 x 2.9	3690	3260	38.72	59	3413	13.19	---
6	P	---	---	---	8.8 x 4.4 x 3.1	3770	3250	38.72	53	3066	16	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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2468
 Dr. M. Yousaf

To: Mr. Kifayat Hussain Naqvi, CRE / The Engineer's Representative
 Kachhi Canal Remaining Works Consultants. (MMP), MM Pakistan (Pvt) Ltd.

Project: KACHHI Canal Project- Contract KC-6B (4R) Construction of Main Canal and Distribution System (Earth Work, Structures and Lining of Main Canal & Distributaries) from RD 1286+000 to RD 1322+000
 Our Ref. No. CL/CED/ 6793 Dated: 06-01-22

Your Ref. No. KCP/CRE/KC-6B(4R)/UET/75

Dated: 18-12-21

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22-12-21 Tested on: 31-12-21 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	Gomal	---	---	---	9 x 4.4 x 2.8	---	3050	39.6	39	2206	---	---
2	Gomal	---	---	---	8.9 x 4.3 x 3	---	3135	38.27	41	2400	---	---
3	Gomal	---	---	---	8.8 x 4.3 x 2.9	---	3070	37.84	18	1066	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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