



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.

4619&4635
 Dr. Aqsa

To: (Mr. Muhammad Zahid Hussain), PE (Civil)
 Defence Housing Authority Main Office Complex, A Block Commercial Area Ph-VI Lahore Cantt.

Project: Construction of Sec C & Sec L Parks Phase-V.

Our Ref. No. CL/CED/ 985

Dated: 24/01/2023

Test Specification

Your Ref. No. Lab Testing Steel / Maint

Dated: 18/01/2023

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/01/2023 **Tested on:** 24/01/2023 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	Cobble, Red, 60mm	---	---	---	2.3 thick	---	1835	20.2	76	8428	---	---
2	Cobble, Red, 60mm	---	---	---	2.3 thick	---	1850	20.2	62	6875	---	---
3	Cobble, Red, 60mm	---	---	---	2.3 thick	---	1790	20.2	51	5655	---	---
4	Cobble, Red, 60mm	---	---	---	2.3 thick	---	1840	20.2	60	6653	---	---
5	Cobble, Black, 60mm	---	---	---	2.3 thick	---	1815	20.2	45	4990	---	---
6	Cobble, Black, 60mm	---	---	---	2.3 thick	---	1850	20.2	24	2661	---	---
7	Cobble, Black, 60mm	---	---	---	2.3 thick	---	1825	20.2	54	5988	---	---
8	Cobble, Black, 60mm	---	---	---	2.3 thick	---	1825	20.2	61	6764	---	---
9	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1950	20.2	71	7873	---	---
10	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1810	20.2	53	5877	---	---
11	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1870	20.2	61	6764	---	---
12	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1780	20.2	43	4768	---	---
13	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1875	20.2	50	5545	---	---
14	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1725	20.2	43	4768	---	---
15	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1835	20.2	42	4657	---	---
16	Cobble, Grey, 60mm	---	---	---	2.3 thick	---	1925	20.2	55	6099	---	---

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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ORIGINAL
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4620
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 986

Dated: 24/01/2023

Test Specification

Your Ref. No. 06/SDO-22

Dated: 17/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20/1/2023 **Tested on:** 24/01/2023 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	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6	---	8.4	36	71	4418	---	Non Engraved
2	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6	---	8.4	36	90	5600	---	Non Engraved
3	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6	---	8.8	36	92	5724	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4620
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 987

Dated: 24/01/2023

Test Specification

Your Ref. No. 04/SDO-22

Dated: 14/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/1/2023 **Tested on:** 24/01/2023 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	RCC (1:1:2) F/Floor Col	17	12	2022	6x6x6	---	8.4	36	78	4853	---	Non Engraved
2	RCC (1:1:2) F/Floor Col	17	12	2022	6x6x6	---	8	36	64	3982	---	Non Engraved
3	RCC (1:1:2) F/Floor Col	17	12	2022	6x6x6	---	8	36	81	5040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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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

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 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 988

Dated: 24/01/2023

Test Specification

Your Ref. No. 274/A

Dated: 26/12/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 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	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6	---	8.6	36	84	5227	---	Non Engraved
2	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6	---	8.4	36	99	6160	---	Non Engraved
3	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6	---	8.2	36	90	5600	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
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4620
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 989

Dated: 24/01/2023

Test Specification

Your Ref. No. 260/A

Dated: 23/10/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **20/1/2023** Tested on: **24/01/2023** 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	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6	---	8.8	36	81	5040	---	Non Engraved
2	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6	---	8.4	36	63	3920	---	Non Engraved
3	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6	---	8.6	36	76	4729	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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ORIGINAL
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4620
 Dr. Aqsa

To: Sub Divisional Officer
 Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 990

Dated: 24/01/2023

Test Specification

Your Ref. No. 262/A

Dated: 03/11/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/1/2023 **Tested on:** 24/01/2023 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	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6	---	8.8	36	84	5227	---	Non Engraved
2	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6	---	8.2	36	88	5476	---	Non Engraved
3	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6	---	9	36	69	4293	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4611
 Dr. Aqsa

To: Mr. Muhammad Hassan Khan, Resident Engineer, NESPAK
 Shadara Sports Complex, Lahore. (Contractor: M/s AKB Pvt. Ltd.)

Project: Establishment of Sports Complex at Rakh Shadara, Lahore (LDP), NA-118

Our Ref. No. CL/CED/ 991

Dated: 24/01/2023

Test Specification

Your Ref. No. 3772/103/NA118/RE/05/01

Dated: 19/12/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18/01/2023 **Tested on:** 24/01/2023 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	---	21	11	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
2	---	21	11	2022	6Diax12	---	13	28.28	76	6020	---	Non Engraved
3	---	21	11	2022	6Diax12	---	13	28.28	80	6337	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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4627
 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)
 Resident Engineer, NESPAK Pvt. Ltd. (Metropolitan Corporation Lahore (MCL Projects))

Project: Construction of Roads Inside Auto Mobile Parts Market Badami Bagh Ravi Zone Lahore.

Our Ref. No. CL/CED/ 992

Dated: 24/01/2023

Test Specification

Your Ref. No. 4084/103/BSAM/104/853

Dated: 09/01/2023

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/01/2023 **Tested on:** 24/01/2023 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	---	22	12	2022	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	---	22	12	2022	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
3	---	22	12	2022	6Diax12	---	12.8	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

4624
 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 993

Dated: 24/01/2023

Test Specification

Your Ref. No. BMC/AJWA/041

Dated: 20/01/2023

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/01/2023 **Tested on:** 24/01/2023 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	6000 Psi	4	12	2022	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	6000 Psi	4	12	2022	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	6000 Psi	4	12	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

4562
 Dr. Aqsa

To: Mr. Hafiz Muhammad Javeed, Manager Civil
 Project Sunshine by Stylers

Project: Construction of Sunshine

Our Ref. No. CL/CED/ 994

Dated: 24/01/2023

Test Specification

Your Ref. No. 011

Dated: 11/01/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 11/01/2023 Tested on: 24/01/2023 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	MJ	---	---	---	9 x 4.3 x 3	3890	3470	38.7	47	2720	12.1	---
2	MJ	---	---	---	8.9 x 4.4 x 3.1	4100	3675	39.16	48	2746	11.56	---
3	MJ	---	---	---	8.9 x 4.3 x 3	3855	3455	38.27	41	2400	11.58	---
4	MJ	---	---	---	9 x 4.4 x 3	3930	3515	39.6	45	2545	11.81	---
5	MJ	---	---	---	8.9 x 4.4 x 3.1	3855	3445	39.16	45	2574	11.9	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

4556
 Dr. Aqsa

To: Mr. Shehzad Waheed, Sub Divisional Officer
 Aitchison College, Lahore.

Project: Construction of Senior Staff Residence, Aitchison College Lahore.

Our Ref. No. CL/CED/ 995

Dated: 24/01/2023

Test Specification

Your Ref. No. P-0069

Dated: 11/01/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 11/01/2023 **Tested on:** 24/01/2023 **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	S	---	---	---	8.7 x 4.3 x 3	3780	3365	37.41	57	3413	12.33	---
2	S	---	---	---	8.7 x 4.4 x 3.1	3820	3365	38.28	42	2458	13.52	---
3	S	---	---	---	8.7 x 4.3 x 3.1	3775	3375	37.41	46	2754	11.85	---
4	S	---	---	---	8.7 x 4.2 x 3	3665	3335	36.54	41	2513	9.9	---
5	S	---	---	---	8.7 x 4.2 x 3	3680	3310	36.54	40	2452	11.18	---
6	S	---	---	---	8.8 x 4.3 x 3.1	3755	3375	37.84	44	2605	11.26	---
7	ABC	---	---	---	9 x 4.4 x 3	3915	3465	39.6	37	2093	12.99	---
8	ABC	---	---	---	8.8 x 4.3 x 3.1	3800	3360	37.84	40	2368	13.1	---
9	ABC	---	---	---	8.9 x 4.3 x 3	3700	3285	38.27	38	2224	12.63	---
10	ABC	---	---	---	8.6 x 4.3 x 3.1	3785	3410	36.98	44	2665	11	---
11	ABC	---	---	---	8.8 x 4.3 x 3.1	3815	3395	37.84	42	2486	12.37	---
12	ABC	---	---	---	8.8 x 4.3 x 3	3760	3335	37.84	36	2131	12.74	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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.

4531
 Dr. Aqsa

To: Mr. Khalid Bashir
 Ittefaq Building Solutions (Pvt.) Ltd.

Project: Ahmad Latif, DHA-Phase 6, J-Block, Lahore

Our Ref. No. CL/CED/ 996

Dated: 24/01/2023

Test Specification

Your Ref. No. IBS/AL/BT 01A

Dated: 06/01/2023

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COMPRESSION TEST REPORT



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

Specimens received on: **09/01/2023** Tested on: **24/01/2023** 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	JM	---	---	---	8.9 x 4.4 x 3.1	4100	3675	39.16	40	2288	11.56	---
2	JM	---	---	---	8.9 x 4.3 x 3	3855	3455	38.27	39	2283	11.58	---
3	JM	---	---	---	8.9 x 4.4 x 3.1	3855	3445	39.16	40	2288	11.9	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory