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.

2655
Dr. Aqsa

To: Mr. Omair Farooq
Deputy Manager Development, Nayatel, Main G.T Road, Gujranwala.

Project: Nil

Our Ref. No. CL/CED/ 8105 **Dated:** 23-02-22 **Test Specification**

Your Ref. No. NTL/21/Dev/14 **Dated:** 24-01-22 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-01-22 **Tested on:** 22-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	KS	---	---	---	8.6 x 4.1 x 2.8	3135	2820	35.26	19	1207	11.17	---
2	KS	---	---	---	8.5 x 4.3 x 2.7	3310	2825	36.55	20	1226	17.17	---
3	KS	---	---	---	8.6 x 4.2 x 2.8	3210	2740	36.12	18	1116	17.15	---
4	KS	---	---	---	8.4 x 4 x 2.7	3045	2615	33.6	19	1267	16.44	---
5	KS	---	---	---	8.5 x 4.2 x 2.8	3245	2855	35.7	21	1318	13.66	---
6	KS	---	---	---	8.4 x 4.1 x 2.7	3275	2870	34.44	21	1366	14.11	---
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Witnessed by:

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 comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.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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2766
Dr. M. Yousaf

To: (Sh. Muhammad Tariq), Engineer REC
The Help Care Society (TAC). (Contractor; M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL/CED/ 8106 Dated: 23-02-22 Test Specification

Your Ref. No. JTC EXT-4 Dated: 14-02-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 14-02-22 **Tested on:** 23-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Raft Footing	17	1	2022	6Diax12	---	13	28.28	30	2376	---	Non Engraved
2	Raft Footing	17	1	2022	6Diax12	---	13	28.28	26	2059	---	Non Engraved
3	Raft Footing	17	1	2022	6Diax12	---	13.4	28.28	26	2059	---	Non Engraved
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Witnessed by:

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 comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.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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2786
Dr. M. Yousaf

To: (Sh. Muhammad Tariq), Engineer REC
The Help Care Society (TAC). (Contractor; M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL/CED/ 8107 **Dated:** 23-02-22 **Test Specification**

Your Ref. No. JTC EXT-5 **Dated:** 17-02-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17-02-22 **Tested on:** 23-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Retaining Wall	10	2	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
2	Retaining Wall	10	2	2022	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	Retaining Wall	10	2	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
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Witnessed by:

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 comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.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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2783
Dr. Aqsa

To: Engr. Hassan Mahmood, Resident Engineer
G3 Engineering Consultants (Pvt) Ltd. (Contractor; M/s Ghousia Engg. & Const. Pvt Ltd Lahore.)

Project: Construction of DHA Newlife Residency Appartments at 273/1 Q Block Phase-II, Lahore.

Our Ref. No. CL/CED/ 8108 Dated: 23-02-22

Your Ref. No. G3/DHA/-NLD/RE/030 Dated: 16-02-22

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17-02-22 **Tested on:** 22-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Columns (5000 Psi)	8	2	2022	6Diax12	---	14	28.28	57	4515	---	Engraved
2	Columns (5000 Psi)	8	2	2022	6Diax12	---	14	28.28	62	4911	---	Engraved
3	Columns (5000 Psi)	8	2	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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2664
Dr. Aqsa

To: Muhammad Imran Khan
Material Engineer ECSP, Pipal House A-Block.

Project: Reconstruction of Pipal House A-Block Lahore. (M/s Uni Build Associates Pvt. Ltd.)

Our Ref. No. CL/CED/ 8109 **Dated:** 23-02-22 **Test Specification**

Your Ref. No. 343/ECSP/PH/ME/01 **Dated:** 26-01-22 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-01-22 **Tested on:** 22-02-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	7MS	---	---	---	8.8 x 4.3 x 3	3650	3365	37.84	49	2901	8.47	---
2	7MS	---	---	---	8.9 x 4.4 x 2.9	3670	3290	39.16	31	1773	11.55	---
3	7MS	---	---	---	8.8 x 4.3 x 3	3710	3365	37.84	54	3197	10.25	---
4	7MS	---	---	---	8.9 x 4.4 x 3	3720	3345	39.16	49	2803	11.21	---
5	7MS	---	---	---	8.8 x 4.3 x 3.1	3620	3275	37.84	44	2605	10.53	---
6	7MS	---	---	---	8.8 x 4.4 x 2.9	3575	3215	38.72	45	2603	11.2	---
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2762
Dr. Aqsa

To: Muhammad Imran Khan
Material Engineer ECSP, Pipal House A-Block.

Project: Reconstruction of Pipal House A-Block Lahore. (M/s Uni Build Associates Pvt. Ltd.)

Our Ref. No. CL/CED/ 8110 Dated: 23-02-22

Your Ref. No. 343/ECSP/PH/ME/06 Dated: 09-02-22

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-02-22 Tested on: 22-02-22 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	4th Floor Columns	11	1	2022	6Diax12	---	14	28.28	73	5782	---	Engraved
2	4th Floor Columns	11	1	2022	6Diax12	---	14	28.28	74	5861	---	Engraved
3	4th Floor Columns	11	1	2022	6Diax12	---	14	28.28	83	6574	---	Engraved
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