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.

3101
Dr. Umbreen

To: Engr. Hassan Mahmood, Resident Engineer
G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of DHA Newlife Residency Appartments at 273/1 Q Block Phase-II, Lahore.
(Contractor; M/s Ghousia Engineering & Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 8540 Dated: 11-04-22 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/055 Dated: 04-04-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08-04-22 **Tested on:** 11-04-22 **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	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12	---	13.4	28.28	69	5465	---	Engraved
2	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12	---	13.6	28.28	61	4832	---	Engraved
3	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12	---	13.8	28.28	69	5465	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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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3057
Dr. Yousaf

To: **Engr. Abdul Qadeer Khan**
LANDMARK CONSULTANTS Pvt. Ltd. Gulberg-II, Lahore.

Project: Parkview Apartments

Our Ref. No. CL/CED/ 8541 **Dated: 11-04-22** **Test Specification**

Your Ref. No. CIV/172/04032022 **Dated: 01-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 11-04-22 **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	---	4	3	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	---	4	3	2022	6Diax12	---	14	28.28	71	5624	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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ORIGINAL
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3057
Dr. Yousaf

To: **Engr. Abdul Qadeer Khan**
LANDMARK CONSULTANTS Pvt. Ltd. Gulberg-II, Lahore.

Project: Parkview Apartments

Our Ref. No. CL/CED/ 8542 **Dated: 11-04-22** **Test Specification**

Your Ref. No. CIV/172/21032022 **Dated: 01-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 11-04-22 **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	---	21	3	2022	6Diax12	---	13.2	28.28	47	3723	---	Engraved
2	---	21	3	2022	6Diax12	---	13	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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ORIGINAL
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3036
Dr. Yousaf

To: **M. Ijaz Farooq**
Usman Ibrahim Construction

Project: Al-Fatah E-Mall Main Boulevard Gulberg, Lahore.

Our Ref. No. CL/CED/ 8543 **Dated: 11-04-22** **Test Specification**

Your Ref. No. Nil **Dated: 30/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/3/2022 **Tested on:** 11-04-22 **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	---	3	3	2022	6Diax12	---	13.8	28.28	43	3406	---	Non Engraved
2	---	3	3	2022	6Diax12	---	13.6	28.28	23	1822	---	Non Engraved
3	---	3	3	2022	6Diax12	---	14	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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ORIGINAL
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3066
Dr. Yousaf

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

Project: Construction of Building for R, Library and Research Facilities in Board for Advancement of Literature, Lahore.

Our Ref. No. CL/CED/ 8544 Dated: 11-04-22 Test Specification

Your Ref. No. 61/22nd Dated: 29/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 Tested on: 11-04-22 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	(G.F Slab) C.C 1:2:4	6	3	2022	6Diax12	---	13.4	28.28	43	3406	---	Engraved
2	(G.F Slab) C.C 1:2:4	6	3	2022	6Diax12	---	13.8	28.28	36	2851	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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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ORIGINAL
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3045
Dr. Yousaf

To: **Hamad John**
Project Engineer

Project: Nil

Our Ref. No. CL/CED/ 8545 **Dated: 11-04-22** **Test Specification**

Your Ref. No. DM/3000/01 **Dated: 30/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 11-04-22 **in dry/wet condition**

ONLINE REPORT

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	---	16	3	2022	6Diax12	---	12.4	28.28	38	3010	---	Non Engraved
2	---	16	3	2022	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	---	16	3	2022	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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ORIGINAL
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3045
Dr. Yousaf

To: Hamad John
Project Engineer

Project: Nil

Our Ref. No. CL/CED/ 8546 Dated: 11-04-22

Your Ref. No. DM/5000/02 Dated: 30/3/2022

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 04-11-22 **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	---	7	2	2022	6Diax12	---	12.8	28.28	42	3327	---	Non Engraved
2	---	7	2	2022	6Diax12	---	12.4	28.28	50	3960	---	Non Engraved
3	---	7	2	2022	6Diax12	---	13	28.28	60	4752	---	Non Engraved
4	---	3	2	2022	6Diax12	---	12	28.28	35	2772	---	Non Engraved
5	---	3	2	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
6	---	3	2	2022	6Diax12	---	12.8	28.28	56	4436	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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3076
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8547 **Dated: 11-04-22** **Test Specification**

Your Ref. No. IHPL/Con/725 **Dated: 28/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-04-22 **Tested on:** 11-04-22 **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	6000 Psi	28	2	2022	6Diax12	---	14	28.28	104	8238	---	Non Engraved
2	6000 Psi	28	2	2022	6Diax12	---	14	28.28	98	7762	---	Non Engraved
3	6000 Psi	28	2	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL) and Engr. Ali Hasnain Khan (K.B)

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)
2.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.

3076
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8548 **Dated:** 11-04-22 **Test Specification**

Your Ref. No. IHPL/Con/729 **Dated:** 28/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-04-22 **Tested on:** 11-04-22 **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	6000 Psi	3	3	2022	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
2	6000 Psi	3	3	2022	6Diax12	---	13.6	28.28	86	6812	---	Non Engraved
3	6000 Psi	3	3	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL) and Engr. Ali Hasnain Khan (K.B)

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)
2.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.

3076
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8549 **Dated: 11-04-22** **Test Specification**

Your Ref. No. IHPL/Con/728 **Dated: 28/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 05-04-22 **Tested on:** 11-04-22 **in dry/wet condition**

ONLINE REPORT

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	4000 Psi	3	3	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
2	4000 Psi	3	3	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
3	4000 Psi	3	3	2022	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL) and Engr. Ali Hasnain Khan (K.B)

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)
2.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.

3076
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8550 **Dated:** 11-04-22 **Test Specification**

Your Ref. No. IHPL/Con/727 **Dated:** 28/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-04-22 **Tested on:** 11-04-22 **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	6000 Psi	2	3	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	6000 Psi	2	3	2022	6Diax12	---	13.4	28.28	92	7287	---	Non Engraved
3	6000 Psi	2	3	2022	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL) and Engr. Ali Hasnain Khan (K.B)

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)
2.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.

3076
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8551 **Dated: 11-04-22** **Test Specification**

Your Ref. No. IHPL/Con/726 **Dated: 28/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-04-22 **Tested on:** 11-04-22 **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	6000 Psi	1	3	2022	6Diax12	---	13	28.28	81	6416	---	Non Engraved
2	6000 Psi	1	3	2022	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	6000 Psi	1	3	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL) and Engr. Ali Hasnain Khan (K.B)

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)
2.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.

3096
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub-Division Pattoki.

Project: Construction of Tehsil Complex at Pattoki District Kasur (ADP No. 5636 For the Year 2021-22)

Our Ref. No. CL/CED/ 8552 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 856/P **Dated: 17/2/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-22 **Tested on:** 11-04-22 **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	Cement Concrete (1:2:4)	21	1	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
2	Cement Concrete (1:2:4)	21	1	2022	6x6x6	---	8.6	36	79	4916	---	Non Engraved
3	Cement Concrete (1:2:4)	21	1	2022	6x6x6	---	8.4	36	61	3796	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3089
Dr. Umbreen

To: **Director Projects**
Innovative Construction Company.

Project: Construction of ABL Branch at Jubilee Town Lahore.

Our Ref. No. CL/CED/ 8553 **Dated: 11-04-22** **Test Specification**

Your Ref. No. ICL/ABL/JT/0422/05 **Dated: 07-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-22 **Tested on:** 11-04-22 **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	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12	---	13.6	28.28	31	2455	---	Non Engraved
2	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12	---	13.6	28.28	39	3089	---	Non Engraved
3	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12	---	13	28.28	25	1980	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3061
Dr. Umbreen

To: Assistant Engineer
U.E.T Lahore Narowal Campus.

Project: Construction of Innovation Center, Auditorium & Jamia Masjid. (Contractor; National Logistics Cell Engineers). Auditorium Building Decorative Columns).

Our Ref. No. CL/CED/ 8554 Dated: 11-04-22 Test Specification

Your Ref. No. Univ/NRL/ICIP/AEN/236 Dated: 03-03-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 **Tested on:** 11-04-22 **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	---	2	2	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	---	2	2	2022	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	---	2	2	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3081
Dr. Umbreen

To: **Zubair Ahmmad**
Project Manager, M/s Raja Kamal Khan

Project: Construction of Aitchison Tennis Club, at Aitchison College, Lahore.

Our Ref. No. CL/CED/ 8555 **Dated: 11-04-22** **Test Specification**

Your Ref. No. RKK-105/22 **Dated: 06-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-04-22 **Tested on:** 11-04-22 **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	Concrete (1:4:8)	5	3	2022	6Diax12	---	13	28.28	25	1980	---	Non Engraved
2	Concrete (1:4:8)	5	3	2022	6Diax12	---	13	28.28	23	1822	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3083
Dr. Umbreen

To: **Engr. Mustafa Ali**
Sr. Manager Coordination, For Dream Builders. Lahore.

Project: Construction of Apartment Building at 32-P, Model Town Ext, Lahore.

Our Ref. No. CL/CED/ 8556 **Dated: 11-04-22** **Test Specification**

Your Ref. No. DB/CONST-32P/22/406 **Dated: 06-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-04-22 **Tested on:** 11-04-22 **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	---	7	3	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	---	7	3	2022	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
3	---	7	3	2022	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3072
Dr. Umbreen

To: Engr. Uzair Siddique
Atiq Associates.

Project: Construction of Raft Foundation of Basement at Lahore American School (Gym Building).

Our Ref. No. CL/CED/ 8557 Dated: 11-04-22 Test Specification

Your Ref. No. Nil Dated: 04-04-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 **Tested on:** 11-04-22 **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	RF-28	28	3	2022	6Diax12	---	13	28.28	23	1822	---	Non Engraved
2	RF-28	28	3	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
3	RF-28	28	3	2022	6Diax12	---	14	28.28	25	1980	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3084
Dr. Umbreen

To: Lt. Col. (R) Ubaid ur Rehman
SPM (JV) PEC Bldg Project

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 8558 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 901/NLC-TD(JV)/PEC/605 **Dated: 05-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 06-04-22 **Tested on:** 11-04-22 **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	7th F. Projection Wall (1673)	8	3	2022	6Diax12	---	13	28.28	67	5307	---	Non Engraved
2	7th F. Projection Wall (1676)	8	3	2022	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	7th F. Projection Wall (1679)	8	3	2022	6Diax12	---	13	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3044
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 5 Lahore

Project: Construction of 4-No. Additional Class Rooms at Government Girls High School Barket Market Garden Town Lahore.

Our Ref. No. CL/CED/ 8559 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 604/5th **Dated: 12-03-22** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 11-04-22 **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	101	---	---	---	8.9 x 4.3 x 3	---	3200	38.27	45	2634	---	---
2	101	---	---	---	8.7 x 4.2 x 2.8	---	2980	36.54	43	2636	---	---
3	101	---	---	---	8.8 x 4.3 x 3	---	3215	37.84	48	2841	---	---
4	101	---	---	---	8.8 x 4.3 x 3	---	3220	37.84	38	2249	---	---
5	101	---	---	---	8.8 x 4.4 x 3.1	---	3320	38.72	43	2488	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3044
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 5 Lahore

Project: Construction of 4-No. Rooms at Ground & First Floor at Govt Islamia Graduate College for Women Cooper Road Lahore (ADP No. 429 For the Year 2021-22)

Our Ref. No. CL/CED/ 8560 Dated: 11-04-22 Test Specification

Your Ref. No. 586/5th Dated: 12-03-22 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 11-04-22 **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	101	---	---	---	8.7 x 4.1 x 2.8	---	2980	35.67	43	2700	---	---
2	101	---	---	---	8.8 x 4.3 x 2.8	---	3215	37.84	40	2368	---	---
3	101	---	---	---	8.8 x 4.3 x 2.9	---	3200	37.84	40	2368	---	---
4	101	---	---	---	8.7 x 4.1 x 2.7	---	2975	35.67	46	2889	---	---
5	101	---	---	---	8.8 x 4.4 x 3.1	---	3360	38.72	47	2719	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3044
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 5 Lahore

Project: Construction of Additional Class Rooms at Government Girls High School Walton Lahore

Our Ref. No. CL/CED/ 8561 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 616/5th **Dated: 12-03-22** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 Tested on: 11-04-22 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	101	---	---	---	8.7 x 4.2 x 3	---	3245	36.54	48	2943	---	---
2	101	---	---	---	9 x 4.2 x 2.9	---	3185	37.8	43	2548	---	---
3	101	---	---	---	8.8 x 4.3 x 2.9	---	3215	37.84	40	2368	---	---
4	101	---	---	---	8.8 x 4.3 x 3	---	3235	37.84	35	2072	---	---
5	101	---	---	---	8.8 x 4.3 x 2.9	---	3115	37.84	32	1894	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3011
Dr. Yousaf

To: **Sub Divisional Officer**
Buildings Sub Division No. 5 Lahore

Project: Construction of 3 No. Class Rooms with Verandah at First Floor at Govt Islamia College of Commerce Ravi Block, Lahore (ASP No. 429 For the Year 2021-22)

Our Ref. No. CL/CED/ 8562 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 564/5th **Dated: 12-03-22** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/3/2022 Tested on: 11-04-22 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	101	---	---	---	8.9 x 4.2 x 3	---	3230	37.38	43	2577	---	---
2	101	---	---	---	9 x 4.2 x 3	---	3245	37.8	40	2370	---	---
3	101	---	---	---	8.9 x 4.3 x 3	---	3230	38.27	43	2517	---	---
4	101	---	---	---	8.9 x 4.4 x 2.9	---	3380	39.16	37	2116	---	---
5	101	---	---	---	9 x 4.4 x 3	---	3450	39.6	45	2545	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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.

3011
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 5 Lahore

Project: Construction of 3 No. Class Rooms with Verandah at First Floor at Govt Post Graduate College for Women Wahdat Colony, Lahore (ADP No. 429 For the Year 2021-22)

Our Ref. No. CL/CED/ 8563 **Dated: 11-04-22** **Test Specification**

Your Ref. No. 600/5th **Dated: 12-03-22** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/3/2022 Tested on: 11-04-22 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	101	---	---	---	8.8 x 4.2 x 2.9	---	3285	36.96	45	2727	---	---
2	101	---	---	---	8.9 x 4.2 x 2.9	---	3235	37.38	48	2876	---	---
3	101	---	---	---	8.7 x 4.2 x 3	---	3235	36.54	43	2636	---	---
4	101	---	---	---	8.9 x 4.3 x 2.9	---	3285	38.27	45	2634	---	---
5	101	---	---	---	9 x 4.3 x 3	---	3330	38.7	45	2605	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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)
2.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.

3027
Dr. Yousaf

To: Resident Engineer
Construction of Muridke Greenfield Aerodome for General Aviation Activities.

Project: Construction of Greenfield Aerodome for General Aviation Activities at Muridke. (Osmani & Company Pvt. Ltd.)

Our Ref. No. CL/CED/ 8564 Dated: 11-04-22 Test Specification

Your Ref. No. OCL/CAA//MAD-RE/3-2K22/028 Dated: 29/3/2022 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/3/2022 **Tested on:** 11-04-22 **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	27	---	---	---	8.6 x 4.3 x 2.8	---	3045	36.98	28	1696	---	---
2	27	---	---	---	8.4 x 4.3 x 2.9	---	3030	36.12	40	2481	---	---
3	27	---	---	---	8.6 x 4.3 x 2.8	---	3035	36.98	35	2120	---	---
4	27	---	---	---	8.6 x 4.3 x 2.9	---	3090	36.98	42	2544	---	---
5	27	---	---	---	8.7 x 4.3 x 2.9	---	3085	37.41	37	2215	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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)
2.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.

3027
Dr. Yousaf

To: Resident Engineer
Construction of Muridke Greenfield Aerodome for General Aviation Activities.

Project: Construction of Greenfield Aerodome for General Aviation Activities at Muridke. (Osmani & Company Pvt. Ltd.)

Our Ref. No. CL/CED/ 8565 Dated: 11-04-22 Test Specification

Your Ref. No. OCL/CAA//MAD-RE/3-2K22/027 Dated: 29/3/2022 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/3/2022 **Tested on:** 11-04-22 **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	MB	---	---	---	8.7 x 4.2 x 2.7	---	2510	36.54	30	1839	---	---
2	MB	---	---	---	8.7 x 4.2 x 2.7	---	2565	36.54	25	1533	---	---
3	MB	---	---	---	8.7 x 4.2 x 2.7	---	2605	36.54	30	1839	---	---
4	MB	---	---	---	8.7 x 4.3 x 2.8	---	2630	37.41	38	2275	---	---
5	MB	---	---	---	8.5 x 4.2 x 2.8	---	2585	35.7	41	2573	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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)
2.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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3047
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division Shahkot

Project: Construction of 02-Nos of Additional Classrooms at Govt. Islamia Graduate College for Boys Sangla Hill, District Nankana Sahib.

Our Ref. No. CL/CED/ 8566 Dated: 11-04-22 Test Specification

Your Ref. No. 2660/SDO/BSD/SKT Dated: 22/2/2022 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 11-04-22 **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	11	---	---	---	8.7 x 4.3 x 3	---	3540	37.41	50	2994	---	---
2	11	---	---	---	8.7 x 4.4 x 2.9	---	3255	38.28	50	2926	---	---
3	11	---	---	---	8.4 x 4.2 x 2.8	---	3355	35.28	56	3556	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

2952
Dr. Yousaf

To: Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II.

Project: Construction of MPA's Hostel Lahore, Phase-II. (Group No.1). (M/s Iftikhar & Co.)

Our Ref. No. CL/CED/ 8567 **Dated:** 11-04-22 **Test Specification**

Your Ref. No. ECSP/MPA/ME/22 **Dated:** 14/3/2022 **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/3/2022 **Tested on:** 11-04-22 **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	A	---	---	---	8.8 x 4.4 x 3	3755	3200	38.72	43	2488	17.34	---
2	A	---	---	---	8.9 x 4.3 x 3	3765	3200	38.27	45	2634	17.66	---
3	A	---	---	---	8.9 x 4.3 x 3	3880	3255	38.27	48	2810	19.2	---
4	A	---	---	---	8.8 x 4.4 x 3	3605	3050	38.72	42	2430	18.2	---
5	A	---	---	---	8.7 x 4.3 x 2.9	3550	3110	37.41	50	2994	14.15	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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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)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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