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.

3091
Dr. Rizwan Riaz

To: Sufyan Uppal, Civil Engineer
Madina Mall, Izmir Town, Lahore.

Project: Raft at Madina Mall, 32-33-A Commercial, Izmir Town, Lahore.

Our Ref. No. CL/CED/ 8497 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07-04-22 **Tested on:** 07-04-22 **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	3000 Psi	25	3	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	3000 Psi	25	3	2022	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	3000 Psi	25	3	2022	6Diax12	---	12.6	28.28	33	2614	---	Non Engraved
4	3000 Psi	25	3	2022	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
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Witnessed by: Mr. Hamza Khalid, CNIC # 35202-3726144-3

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

3002
Dr. Aqsa

To: Engr. Abdul Qadeer Khan
LANDMARK CONSULTANTS (Pvt.) Ltd.

Project: Construction of Parkview Apartments.

Our Ref. No. CL/CED/ 8498 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. CIV/172/23022022 **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/03/2022 **Tested on:** 05-04-22 **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	---	23	2	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	---	23	2	2022	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	---	23	2	2022	6Diax12	---	14	28.28	79	6257	---	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**

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ORIGINAL
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3002
Dr. Aqsa

To: Engr. Abdul Qadeer Khan
LANDMARK CONSULTANTS (Pvt.) Ltd.

Project: Construction of Parkview Apartments.

Our Ref. No. CL/CED/ 8499 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. CIV/172/26022022 **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/03/2022 **Tested on:** 05-04-22 **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	---	26	2	2022	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	---	26	2	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
3	---	26	2	2022	6Diax12	---	13.2	28.28	68	5386	---	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.

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ORIGINAL
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3002
Dr. Aqsa

To: Engr. Abdul Qadeer Khan
LANDMARK CONSULTANTS (Pvt.) Ltd.

Project: Construction of Parkview Apartments.

Our Ref. No. CL/CED/ 8500 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. CIV/172/17032022 **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/03/2022 **Tested on:** 05-04-22 **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	---	17	3	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
2	---	17	3	2022	6Diax12	---	13	28.28	41	3248	---	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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3058
Dr. Aqsa

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

Project: Nil

Our Ref. No. CL/CED/ 8501 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. IHPL/Con/721 **Dated:** 28-03-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 05-04-22 **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	25	2	2022	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	6000 Psi	25	2	2022	6Diax12	---	14.2	28.28	78	6178	---	Non Engraved
3	6000 Psi	25	2	2022	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL), 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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

3058
Dr. Aqsa

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

Project: Nil

Our Ref. No. CL/CED/ 8502 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. IHPL/Con/722 **Dated:** 28-03-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 05-04-22 **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	4000 Psi	26	2	2022	6Diax12	---	13.8	28.28	82	6495	---	Non Engraved
2	4000 Psi	26	2	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	4000 Psi	26	2	2022	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL), 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
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

3058
Dr. Aqsa

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

Project: Nil

Our Ref. No. CL/CED/ 8503 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. IHPL/Con/724 **Dated:** 28-03-22 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 05-04-22 **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	4000 Psi	28	2	2022	6Diax12	---	14	28.28	93	7366	---	Non Engraved
2	4000 Psi	28	2	2022	6Diax12	---	14	28.28	89	7050	---	Non Engraved
3	4000 Psi	28	2	2022	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL), Engr Ali Hasnain Khan (K.B)

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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

3049
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Khushab.

Project: Construction of Sewerage, Drainage, Sanitation and Water Supply Schemes in UC Sandral District Khushab. (PP-83). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8504 Dated: 08-04-22 Test Specification

Your Ref. No. 173/KHB Dated: 26-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	26	2	2022	6x6x6	---	8	36	66	4107	---	Non Engraved
2	PCC (1:2:4)	26	2	2022	6x6x6	---	8	36	70	4356	---	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.

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.

3049
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Khushab.

Project: Construction of Sewerage, Drainage, Sanitation and Water Supply Schemes in UC Jabbi District Khushab. (PP-83). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8505 Dated: 08-04-22 Test Specification

Your Ref. No. 165/KHB Dated: 24-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	24	2	2022	6x6x6	---	8.2	36	112	6969	---	Non Engraved
2	PCC (1:2:4)	24	2	2022	6x6x6	---	8.4	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3049
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Khushab.

Project: Construction of Sewerage, Drainage, Sanitation and Water Supply Schemes in UC Nari District Khushab. (PP-83). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8506 Dated: 08-04-22

Your Ref. No. 174/KHB Dated: 26-03-22

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	26	2	2022	6x6x6	---	8	36	55	3422	---	Non Engraved
2	PCC (1:2:4)	26	2	2022	6x6x6	---	8	36	66	4107	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3049
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Khushab.

Project: Provision of Water Supply / Hand Pump / Drainage / PCC Slab / Janazagah UC Mardwal District Khushab. (NA-93). (Govt. Contractor; M/S Malik Muhammad Aslam Pervaiz).

Our Ref. No. CL/CED/ 8507 Dated: 08-04-22 Test Specification

Your Ref. No. 177/KHB Dated: 28-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	28	2	2022	6x6x6	---	8.4	36	106	6596	---	Non Engraved
2	PCC (1:2:4)	28	2	2022	6x6x6	---	8.4	36	112	6969	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3050
Dr. Yousaf

To: **Sub Divisional Officer**
Public Health Engineering Sub Division Noor Pur Thal.

Project: Provision of Water Supply / Hand Pump / Drainage / PCC Slab / Janazagah UC Quaidabad District Khushab. (NA-93). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8508 **Dated: 08-04-22** **Test Specification**

Your Ref. No. 239/ N.P.T **Dated: 10-03-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 05-04-22 **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	PCC (1:2:4)	10	2	2022	6x6x6	---	8.2	36	84	5227	---	Non Engraved
2	PCC (1:2:4)	10	2	2022	6x6x6	---	8.2	36	90	5600	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Water Supply Scheme / Drainage / PCC Slab / Road / Street / Janazagah UC Choha District Khushab. (PP-82). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8509 Dated: 08-04-22

Your Ref. No. 248/ N.P.T Dated: 18-03-22

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	18	2	2022	6x6x6	---	8	36	65	4044	---	Non Engraved
2	PCC (1:2:4)	18	2	2022	6x6x6	---	8	36	100	6222	---	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)
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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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Water Supply Scheme / Drainage / PCC Slab / Road / Street / Janazagah UC Warcha District Khushab. (PP-82). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8510 Dated: 08-04-22

Your Ref. No. 249/ N.P.T Dated: 18-03-22

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	18	2	2022	6x6x6	---	8	36	46	2862	---	Non Engraved
2	PCC (1:2:4)	18	2	2022	6x6x6	---	8	36	71	4418	---	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
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3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Water Supply Scheme / Drainage / PCC Slab / Road / Street / Janazagah UC Uttra District Khushab. (PP-82). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt. Ltd.).

Our Ref. No. CL/CED/ 8511 Dated: 08-04-22 Test Specification

Your Ref. No. 243/ N.P.T Dated: 15-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	15	2	2022	6x6x6	---	8	36	99	6160	---	Non Engraved
2	PCC (1:2:4)	15	2	2022	6x6x6	---	8.2	36	75	4667	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Provision of Water Supply Scheme / Drainage / PCC Slab / Road / Tuff Tile / Street / Janazagah Quaidabad District Khushab. (PP-82). (Govt. Contractor; M/S Aman Ullah Awan Construction Company Pvt.

Our Ref. No. CL/CED/ 8512 Dated: 08-04-22 Test Specification

Your Ref. No. 244/ N.P.T Dated: 15-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	15	2	2022	6x6x6	---	8.2	36	93	5787	---	Non Engraved
2	PCC (1:2:4)	15	2	2022	6x6x6	---	8	36	101	6284	---	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.

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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Water Supply Scheme / Drainage / PCC Slab / Road / Street / Janazagah UC Gunjial Shumali District Khushab. (PP-82). (Govt. Contractor; M/S Haji Allah Bakhsh Awan).

Our Ref. No. CL/CED/ 8513 Dated: 08-04-22 Test Specification

Your Ref. No. 242/ N.P.T Dated: 14-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	14	2	2022	6x6x6	---	8	36	101	6284	---	Non Engraved
2	PCC (1:2:4)	14	2	2022	6x6x6	---	8	36	111	6907	---	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.

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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Water Supply Scheme / Drainage / PCC Slab / Road / Street / Janazagah UC Golewali District Khushab. (PP-82). (Govt. Contractor; M/S Hameed Ullah Khan & Co.)

Our Ref. No. CL/CED/ 8514 Dated: 08-04-22 Test Specification

Your Ref. No. 258/ N.P.T Dated: 28-03-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 05-04-22 **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	PCC (1:2:4)	28	2	2022	6x6x6	---	8	36	60	3733	---	Non Engraved
2	PCC (1:2:4)	28	2	2022	6x6x6	---	8	36	60	3733	---	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.

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.

3050
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engineering Sub Division Noor Pur Thal.

Project: Provision of Filtration Plant, Water Supply, Drainage, PCC Slab, Road UC Aadhi Kot District Khushab. (NA-94). (Govt. Contractor; M/S Inayat Ullah Cheema.)

Our Ref. No. CL/CED/ 8515 Dated: 08-04-22 Test Specification

Your Ref. No. 113/ N.P.T Dated: 20-01-22 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 Tested on: 05-04-22 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	PCC (1:2:4)	23	12	2021	6x6x6	---	8.4	36	103	6409	---	Non Engraved
2	PCC (1:2:4)	23	12	2021	6x6x6	---	8.2	36	71	4418	---	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.

3097 & 3100
Dr. Yousaf

To: **Mr. Sohail Anjum, Project Manager**
MS Tower Developers, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 8516 **Dated: 08-04-22** **Test Specification**

Your Ref. No. MST/UET/2022/C/004 **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:** 08-04-22 **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	3000 Psi	30	3	2022	6Diax12	---	12.4	28.28	18	1426	---	Non Engraved
2	3000 Psi	30	3	2022	6Diax12	---	13	28.28	22	1743	---	Non Engraved
3	3000 Psi	30	3	2022	6Diax12	---	13.4	28.28	16	1267	---	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.

3097 & 3100
Dr. Yousaf

To: **Mr. Sohail Anjum, Project Manager**
MS Tower Developers, J4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 8517 **Dated: 08-04-22** **Test Specification**

Your Ref. No. MST/UET/2022/C/005 **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:** 08-04-22 **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	3000 Psi	31	3	2022	6Diax12	---	13.2	28.28	23	1822	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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
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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.

3053
Dr. Aqsa

To: Mr. Nasir Mehmood
Construction Manager Elite Engineering Pvt. Ltd.

Project: Construction of Sitara Height 3-Jay. (Shear Wall Basement-4).

Our Ref. No. CL/CED/ 8518 **Dated: 08-04-22** **Test Specification**

Your Ref. No. Nil **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: 05-04-22 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	87	6891	---	Non Engraved
2	6000 Psi	2	3	2022	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
3	6000 Psi	2	3	2022	6Diax12	---	14	28.28	90	7129	---	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
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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.

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.

2993
Dr. Aqsa

To: Nouman Rafique, Chief Technical Officer
Sabcon Associates (Pvt) Ltd.

Project: Construction of Commercial Building at 51A Gulberg III, Lahore.

Our Ref. No. CL/CED/ 8519 Dated: 08-04-22 Test Specification

Your Ref. No. SABCON/2022/CTO/07 Dated: 22/03/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/03/2022 **Tested on:** 05-04-22 **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	22	2	2022	6Diax12	---	12.6	28.28	56	4436	---	Non Engraved
2	F.F. Columns	22	2	2022	6Diax12	---	12	28.28	65	5149	---	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.

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.

2993
Dr. Aqsa

To: Nouman Rafique, Chief Technical Officer
Sabcon Associates (Pvt) Ltd.

Project: Construction of Commercial Building at 51A Gulberg III, Lahore.

Our Ref. No. CL/CED/ 8520 Dated: 08-04-22 Test Specification

Your Ref. No. SABCON/2022/CTO/06 Dated: 22/03/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/03/2022 **Tested on:** 05-04-22 **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	18	2	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	G.F. Slab	18	2	2022	6Diax12	---	12.6	28.28	32	2535	---	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.

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.

3025
Dr. Aqsa

To: Engr. Uzair Siddique
Atiq Associates.

Project: Construction of Footings of the Lahore American School, Lahore.

Our Ref. No. CL/CED/ 8521 Dated: 08-04-22 Test Specification

Your Ref. No. Nil Dated: 29-03-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/03/2022 **Tested on:** 05-04-22 **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	---	20	3	2022	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
2	---	20	3	2022	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
3	---	20	3	2022	6Diax12	---	13	28.28	32	2535	---	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.

3046
Dr. Aqsa

To: Project Manager
Q-Links Property Management Pvt. Ltd

Project: Construction of Orchard Mall, Bahria Orchard Lahore.

Our Ref. No. CL/CED/ 8522 **Dated: 08-04-22** **Test Specification**

Your Ref. No. QLC-BO-BH2-2022-03-LTR-20 **Dated: 29/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/03/2022 **Tested on:** 05-04-22 **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	2nd F. Column (5000 Psi)	27	2	2022	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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.

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.

2991
Dr. Aqsa

To: **Project Manager**
Q-Links Property Management Pvt. Ltd

Project: Construction of Broadway Heights, 3 Bahria Orchard Lahore.

Our Ref. No. CL/CED/ 8523 **Dated: 08-04-22** **Test Specification**

Your Ref. No. QLC-BO-BH2-2022-03-LTR-13 **Dated: 22/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/03/2022 **Tested on:** 05-04-22 **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	Grid # 19-20 (3000 Psi)	22	2	2022	6Diax12	---	12.4	28.28	44	3485	---	Non Engraved
2	Grid # 6-11 (3750 Psi)	22	2	2022	6Diax12	---	13.2	28.28	46	3644	---	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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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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.

2991
Dr. Aqsa

To: Project Manager
Q-Links Property Management Pvt. Ltd

Project: Construction of Orchard Mall, Bahria Orchard Lahore.

Our Ref. No. CL/CED/ 8524 **Dated: 08-04-22** **Test Specification**

Your Ref. No. QLC-BO-BH2-2022-03-LTR-14 **Dated: 22/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/03/2022 Tested on: 05-04-22 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	Grid # 18-24 (3000 Psi)	22	2	2022	6Diax12	---	12.4	28.28	52	4119	---	Non Engraved
2	Grid # 18-24 (3000 Psi)	22	2	2022	6Diax12	---	12.6	28.28	38	3010	---	Non Engraved
3	Grid # 18-24 (3000 Psi)	22	2	2022	6Diax12	---	12.8	28.28	46	3644	---	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
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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.

3022
Dr. Aqsa

To: ANH Developers (Pvt.) Ltd.
91 Block-B, Phase-V, D.H.A, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8525 **Dated:** 08-04-22

Your Ref. No. Nil **Dated:** 28-03-22

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/03/2022 **Tested on:** 05-04-22 **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	4500 Psi	10	3	2022	6Diax12	---	14	28.28	104	8238	---	Non Engraved
2	4500 Psi	10	3	2022	6Diax12	---	14	28.28	101	8000	---	Non Engraved
3	4500 Psi	10	3	2022	6Diax12	---	14	28.28	95	7525	---	Non Engraved
4	4500 Psi	10	3	2022	6Diax12	---	14	28.28	89	7050	---	Non Engraved
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
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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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3035
Dr. Aqsa

To: Zubair Ahmed
Zubair Ahmed Engineers & Contractors

Project: Construction of Bank Al Habib Allama Iqbal Town Branch Lahore.

Our Ref. No. CL/CED/ 8526 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. Nil **Dated:** 30/03/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/03/2022 **Tested on:** 05-04-22 **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	First Floor Floor Slab 03	2	3	2022	6Diax12	---	14	28.28	29	2297	---	Non Engraved
2	First Floor Floor Slab 03	2	3	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	First Floor Floor Slab 03	2	3	2022	6Diax12	---	13.8	28.28	25	1980	---	Non Engraved
4	First Floor Floor Slab 03	2	3	2022	6Diax12	---	14	28.28	46	3644	---	Non Engraved
5	First Floor Floor Slab 03	2	3	2022	6Diax12	---	14	28.28	44	3485	---	Non Engraved
6	First floor floor slab 03	2	3	2022	6Diax12	---	14	28.28	43	3406	---	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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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
A carbon copy for the report has been retained in the lab for record.

3026
Dr. Aqsa

To: Deputy Director (Works)
Project Director of the Scheme O/O Mines Labour Welfare Commissioner, Punjab Lahore.

Project: Extension of Office Residence at Padhrar District Khushab

Our Ref. No. CL/CED/ 8527 **Dated: 84-04-2022** **Test Specification**

Your Ref. No. MLW/C.E/MT/50/17/3084 **Dated: 16-03-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/03/2022 **Tested on:** 05-04-22 **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	Foundation (1:2:4)	11	10	2021	6x6x6	---	7.8	36	59	3671	---	Engraved
2	Foundation (1:2:4)	11	10	2021	6x6x6	---	7.6	36	57	3547	---	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.

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.

3043
Dr. Aqsa

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

Project: Construction of Two More Floor for Establishment of High Court Offices at Judicial Academy Fan Road, Lahore (Group No. 1).

Our Ref. No. CL/CED/ 8528 Dated: 08-04-22 Test Specification

Your Ref. No. No.1606 Dated: 29/03/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/03/2022 **Tested on:** 05-04-22 **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	(1:2:4)	20	2	2022	6x6x6	---	8.2	36	85	5289	---	Non Engraved
2	(1:2:4)	20	2	2022	6x6x6	---	8.4	36	64	3982	---	Non Engraved
3	(1:2:4)	20	2	2022	6x6x6	---	8.4	36	84	5227	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3062
Dr. Aqsa

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

Project: Construction of MPA's Hostel Lahore, Phase-II.

Our Ref. No. CL/CED/ 8529 **Dated: 08-04-22** **Test Specification**

Your Ref. No. 3040/ECSP/MPA/ME/24 **Dated: 01-04-22** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 **Tested on:** 05-04-22 **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	2nd Floor Slab (1:2:4)	3	3	2022	6x6x6	---	8.4	36	69	4293	---	Engraved
2	2nd Floor Slab (1:2:4)	3	3	2022	6x6x6	---	8.6	36	63	3920	---	Engraved
3	2nd Floor Slab (1:2:4)	3	3	2022	6x6x6	---	8.8	36	65	4044	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3042
Dr. Aqsa

To: Engr. Muhammad Waqas Younis
Maintenance Engineer PU, Lahore

Project: Construction of School of Economics at Q.A.C. University of The Punjab, Lahore.

Our Ref. No. CL/CED/ 8530 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. D-75/ME/V **Dated:** 22/03/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 05-04-22 **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	Plinth Beam (1:2:4)	25	1	2022	6x6x6	---	8.2	36	97	6036	---	Engraved
2	Plinth Beam (1:2:4)	25	1	2022	6x6x6	---	8	36	98	6098	---	Engraved
3	Plinth Beam (1:2:4)	25	1	2022	6x6x6	---	8.2	36	97	6036	---	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.

3042
Dr. Aqsa

To: Engr. Muhammad Waqas Younis
Maintenance Engineer PU, Lahore.

Project: Construction of School of Economics at Q.A.C. University of The Punjab, Lahore.

Our Ref. No. CL/CED/ 8531 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. D-753/ME-IV **Dated:** 22/03/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 05-04-22 **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	Columns (1:1.5:3)	22	11	2021	6x6x6	---	8.4	36	128	7964	---	Engraved
2	Columns (1:1.5:3)	22	11	2021	6x6x6	---	8.4	36	117	7280	---	Engraved
3	Columns (1:1.5:3)	22	11	2021	6x6x6	---	8.4	36	143	8898	---	Engraved
4	Columns (1:1.5:3)	23	11	2021	6x6x6	---	8.4	36	152	9458	---	Engraved
5	Columns (1:1.5:3)	23	11	2021	6x6x6	---	8.6	36	134	8338	---	Engraved
6	Columns (1:1.5:3)	23	11	2021	6x6x6	---	8.6	36	152	9458	---	Engraved
7	Columns (1:1.5:3)	17	12	2021	6x6x6	---	8.2	36	124	7716	---	Engraved
8	Columns (1:1.5:3)	17	12	2021	6x6x6	---	8.4	36	105	6533	---	Engraved
9	Columns (1:1.5:3)	17	12	2021	6x6x6	---	8.4	36	126	7840	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3042
Dr. Aqsa

To: Engr. Muhammad Waqas Younis
Maintenance Engineer PU, Lahore

Project: Construction of School of Economics at Q.A.C. University of The Punjab, Lahore

Our Ref. No. CL/CED/ 8532 **Dated:** 08-04-22 **Test Specification**

Your Ref. No. D-754/ME-IV **Dated:** 22/03/2022 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/3/2022 **Tested on:** 05-04-22 **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	Columns (1:1.5:3)	8	12	2021	6x6x6	---	8.6	36	124	7716	---	Engraved
2	Columns (1:1.5:3)	8	12	2021	6x6x6	---	8.4	36	134	8338	---	Engraved
3	Columns (1:1.5:3)	8	12	2021	6x6x6	---	8.6	36	133	8276	---	Engraved
4	Columns (1:1.5:3)	4	2	2022	6x6x6	---	8.6	36	154	9582	---	Engraved
5	Columns (1:1.5:3)	4	2	2022	6x6x6	---	8.8	36	133	8276	---	Engraved
6	Columns (1:1.5:3)	4	2	2022	6x6x6	---	8.6	36	149	9271	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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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.

3073
Engr. Ubaid

To: **M. Saleem Construction Company Engineers & Contractors**
Haq Bahoo Manzil, Lahore Road, Sheikhupura.

Project: Nil

Our Ref. No. CL/CED/ 8533 **Dated: 08-04-22** **Test Specification**

Your Ref. No. Cube Test (N.T.N 2872696-7) **Dated: 04-04-22** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-04-22 **Tested on:** 07-04-22 **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	Plant Foundation, G L/Line C to D	26	2	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	Plant Foundation, G L/Line C to D	26	2	2022	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
3	Plant Foundation, G L/Line C to D	26	2	2022	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
4	Plant Foundation, G L/Line C to D	26	2	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
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.

3052
Engr. Ubaid

To: Sub Divisional Officer
Building Sub Division Shahkot.

Project: Construction of 2-Nos of Additional Classrooms at Govt. Islamia Graduate College for Boys Sangla Hill, District Nankana Sahib.

Our Ref. No. CL/CED/ 8534 Dated: 08-04-22 Test Specification

Your Ref. No. 2662/SDO/BSD/SKT Dated: 22/2/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-04-22 **Tested on:** 07-04-22 **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	(1:2:4)	17	1	2022	6Diax12	---	13	28.28	64	5069	---	Non Engraved
2	(1:2:4)	17	1	2022	6Diax12	---	13	28.28	71	5624	---	Non Engraved
3	(1:2:4)	17	1	2022	6Diax12	---	12.6	28.28	60	4752	---	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.

3059
Dr. Aqsa

To: Amein Uddin
PM Project, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Bank Branch Bahria Town Orchard Lahore

Our Ref. No. CL/CED/ 8535 **Dated:** 04-08-22

Your Ref. No. 0 **Dated:** 04-01-22

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-01-22 **Tested on:** 04-07-22 **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	4000 Psi	24	3	2022	6Diax12	---	12.2	28.28	65	5149	---	Non Engraved
2	4000 Psi	24	3	2022	6Diax12	---	12.2	28.28	63	4990	---	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.

3051
Dr. Aqsa

To: Syed Abdul Jabbar
GM Engineering, Cotton Web Limited

Project: Construction of New Office Building in Cotton Web Ltd

Our Ref. No. CL/CED/ 8536 **Dated: 04-08-22** **Test Specification**

Your Ref. No. 0 **Dated: 31/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-01-22 Tested on: 04-07-22 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	4000 Psi	12	3	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	4000 Psi	12	3	2022	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
3	4000 Psi	12	3	2022	6Diax12	---	14	28.28	99	7842	---	Non Engraved
4	4000 Psi	24	3	2022	6Diax12	---	12.4	28.28	53	4198	---	Non Engraved
5	4000 Psi	24	3	2022	6Diax12	---	13	28.28	50	3960	---	Non Engraved
6	---	24	3	2022	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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.

3051
Dr. Aqsa

To: Muhammad Adnan
Project Manager ICON VALLEY Phase II

Project: ICON Signature 2nd Floor Shear Walls and 3rd Floor Columns

Our Ref. No. CL/CED/ 8537 **Dated: 04-08-22** **Test Specification**

Your Ref. No. 0 **Dated: 04-01-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 Tested on: 04-07-22 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	4000 Psi	28	2	2022	6Diax12	---	12.8	28.28	57	4515	---	Engraved
2	4000 Psi	28	2	2022	6Diax12	---	13.4	28.28	65	5149	---	Engraved
3	4000 Psi	28	2	2022	6Diax12	---	13.2	28.28	61	4832	---	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)
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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.

3051
Dr. Aqsa

To: Muhammad Adnan
Project Manager ICON VALLEY Phase II

Project: ICON Signature 2nd Floor Shear Walls and 3rd Floor Columns

Our Ref. No. CL/CED/ 8538 Dated: 04-08-22 Test Specification

Your Ref. No. 0 Dated: 04-01-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-04-22 **Tested on:** 04-07-22 **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	3000 Psi	25	2	2022	6Diax12	---	13.4	28.28	59	4673	---	Engraved
2	3000 Psi	25	2	2022	6Diax12	---	12.6	28.28	59	4673	---	Engraved
3	3000 Psi	25	2	2022	6Diax12	---	13	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

3060
Dr. Aqsa

To: Hamad John
Project Engineer

Project: Nil

Our Ref. No. CL/CED/ 8539 Dated: 04-08-22 Test Specification

Your Ref. No. DM/3000/01 Dated: 04-01-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-22 Tested on: 04-07-22 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	---	31	12	2021	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	---	31	12	2021	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
3	---	31	12	2021	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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