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.

8405
Engr. A. Rehman

To: Engr. Farrukh Alvi
Deputy General Manager (Works), Habib Rafiq Engineering (Pvt) Ltd

Project: 101 Tower, Lahore (Columns (Level 00-01); C3B (E, F/1), C8B (F/2), C/4 (F/2), C13(E/21, F/3), C8A(E/2) and Core Wall-01 (Level 01-02) (Grid E-G))

Our Ref. No. CL/CED/ 6737 Dated: 13-12-24 **Test Specification**

Your Ref. No. HRLE/SKG/2024/178 Dated: 01-12-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-24 **Tested on:** 13-12-24 **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	Lab #373 (8000 Psi)	3	11	2024	6Diax12	---	13	28.28	103	8158	---	Non Engraved
2	Lab #373 (8000 Psi)	3	11	2024	6Diax12	---	13.2	28.28	105	8317	---	Non Engraved
3	Lab #373 (8000 Psi)	3	11	2024	6Diax12	---	14.6	28.28	112	8871	---	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**

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Civil Engineering Department
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ORIGINAL
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8421
Engr. A. Rehman

To: Project Manager
Tahawar Owais, DSG Energy, DS Global Pvt Ltd, Garden Town, Lahore

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 6738 **Dated: 13-12-24** **Test Specification**

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

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-24 **Tested on:** 13-12-24 **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	12	2024	6Diax12	---	14.4	28.28	87	6891	---	Non Engraved
2	---	4	12	2024	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
3	---	4	12	2024	6Diax12	---	14.6	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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
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ORIGINAL
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8424
Engr. A. Rehman

To: Mr. Tariq Fateh
Project Manager, Jilani Poly-2 Construction. (JILANI POLY INDUSTRIES PVT LTD)

Project: Construction of Jilani Poly-2 5 Acre Extension Sheikhupura.

Our Ref. No. CL/CED/ 6739 Dated: 13-12-24 Test Specification

Your Ref. No. JP-2/UET/2024/C-003 Dated: 12-12-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-24 Tested on: 13-12-24 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	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3355	37.44	93	5564	---	---
2	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3285	37.44	83	4966	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3360	37.44	142	8496	---	---
4	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3395	37.44	99	5923	---	---
5	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3360	37.44	105	6282	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M.A. Javed, CNIC # 33201-7076007-9

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

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

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Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8376
Engr. A. Rehman

To: Mr. Safdar Rashid
Resident Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd.

Project: KBCMA COLLEGE OF VETERINARY AND ANIMAL SCIENCES NAROWAL CAMPUS

Our Ref. No. CL/CED/ 6740 **Dated:** 13/12/2024

Your Ref. No. 4650/311/SR/72 **Dated:** 05-12-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-12-24 **Tested on:** 13/12/2024 **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	Dispensary Roof Slab (1:1.5:3)	9	11	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	Dispensary Roof Slab (1:1.5:3)	9	11	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	Dispensary Roof Slab (1:1.5:3)	9	11	2024	6Diax12	---	13.2	28.28	54	4277	---	Non 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
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

8365
Engr. A. Rehman

To: Mr. WAQAS ASIF
DIRECTOR, ICON CONSTRUCTION SERVICES, ENGINEERS & CONTRACTORS

Project: Construction of Fauzia & Harris Residence at Green Ford Lahore.

Our Ref. No. CL/CED/ 6741 **Dated:** 13-12-24

Your Ref. No. Nil **Dated:** 03-12-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-24 **Tested on:** 13-12-24 **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)	16	11	2024	6Diax12	---	13	28.28	52	4119	---	Engraved
2	(3000 Psi)	16	11	2024	6Diax12	---	13.4	28.28	24	1901	---	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
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ORIGINAL
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8404
Engr. A. Rehman

To: Sub Divisional Officer
Buildings Sub-Division No. 16, Lahore

Project: Construction of Smart Police Station Shera Kot Lahore.

Our Ref. No. CL/CED/ 6742 **Dated:** 13/12/2024

Your Ref. No. No. 52 **Dated:** 02-11-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-24 **Tested on:** 13/12/2024 **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)	30	10	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	(1:2:4)	30	10	2024	6Diax12	---	13.8	28.28	62	4911	---	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**

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ORIGINAL
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8375
Engr. A. Rehman

To: Engr. Hamza
Site Engineer, Pakistan Associated Constructions (Pvt) Ltd

Project: Commercial Building at PLOT NO. 6C and 7Q, Block Q, Gulberg-II, Lahore (Commercial Building Plan-Total No. of Floors = 14, Height of the Building = +190)

Our Ref. No. CL/CED/ 6743-1 of 2 Dated: 13/12/2024 **Test Specification**

Your Ref. No. 0683944-4 Dated: 27/11/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-12-24 Tested on: 13/12/2024 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	5000 Psi	10	10	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	5000 Psi	10	10	2024	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	5000 Psi	12	10	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
4	5000 Psi	12	10	2024	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
5	5000 Psi	16	10	2024	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
6	5000 Psi	16	10	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
7	5000 Psi	18	10	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
8	5000 Psi	18	10	2024	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
9	5000 Psi	27	10	2024	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
10	5000 Psi	27	10	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
11	5000 Psi	1	11	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
12	5000 Psi	1	11	2024	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
13	5000 Psi	1	11	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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 compressive 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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8375
Engr. A. Rehman

To: Engr. Hamza
Site Engineer, Pakistan Associated Constructions (Pvt) Ltd

Project: Commercial Building at PLOT NO. 6C and 7Q, Block Q, Gulberg-II, Lahore (Commercial Building Plan-Total No. of Floors = 14, Height of the Building = +190)

Our Ref. No. CL/CED/ 6743-2 of 2 Dated: 13/12/2024 Test Specification

Your Ref. No. 0683944-4 Dated: 27/11/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-09-24 Tested on: 13/12/2024 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	10	2024	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
2	4000 Psi	24	10	2024	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
3	4000 Psi	24	10	2024	6Diax12	---	14	28.28	36	2851	---	Non Engraved
4	4000 Psi	24	10	2024	6Diax12	---	13.4	28.28	40	3168	---	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.

8300
Engr. A. Rehman

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Construction of Drain PCC Gawala Colony UC-241 PP-170 (MCL Projects)

Our Ref. No. CL/CED/ 6744 **Dated:** 13/12/2024

Your Ref. No. 4084/103/MUR/104/1908 **Dated:** 14/11/2024

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 26/11/2024 **Tested on:** 13/12/2024 **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	F7	---	---	---	8.9 x 4.3 x 3	3700	3310	38.27	45	2634	11.78	---
2	F7	---	---	---	8.9 x 4.3 x 3	3680	3230	38.27	43	2517	13.93	---
3	F7	---	---	---	8.8 x 4.2 x 3	3695	3356	36.96	42	2545	10.1	---
4	F7	---	---	---	8.9 x 4.3 x 3	3730	3365	38.27	48	2810	10.85	---
5	F7	---	---	---	9 x 4.2 x 3	3685	3345	37.8	48	2844	10.16	---
6	F7	---	---	---	8.8 x 4.3 x 3	3675	3315	37.84	44	2605	10.86	---
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.

8342
Engr. A. Rehman

To: Mr. Muhammad Moeed Azhar
Sub Divisional Officer, Buildings Sub Division, Punjab Assembly, Lahore

Project: Construction of Press Briefing Hall at Provincial Assembly of the Punjab alongwith Allied Facilities in Punjab Assembly Building Lahore (ADP No. 2943 for the Year 2024-25)

Our Ref. No. CL/CED/ 6745 Dated: 13/12/2024 Test Specification

Your Ref. No. No. 1273 Dated: 02-12-24 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-24 Tested on: 13/12/2024 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	ABC	---	---	---	8.9 x 4.3 x 3	3660	3225	38.27	44	2575	13.49	---
2	ABC	---	---	---	8.7 x 4.3 x 3	3585	3265	37.41	38	2275	9.8	---
3	ABC	---	---	---	8.9 x 4.3 x 3	3705	3300	38.27	42	2458	12.27	---
4	ABC	---	---	---	8.9 x 4.3 x 3	3605	3215	38.27	44	2575	12.13	---
5	ABC	---	---	---	8.9 x 4.3 x 3	3715	3305	38.27	45	2634	12.41	---
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.

8409
Engr. A. Rehman

To: Mr. Zeeshan Ali
General Manager, MM Traders Lahore-Pakistan.

Project: An Innovative Project Aimed at Converting Textile Industry Waste-Including Pumice Stone, ETP Sludge and Boiler Ash-into Recyclable Tough Tiles.

Our Ref. No. CL/CED/ 6746 Dated: 13-12-24 Test Specification

Your Ref. No. MMT/RL/09-24 Dated: 11-12-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-24 Tested on: 13-12-24 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	Uni-Block, Grey, 60mm	---	---	---	2.4 thick	---	3265	36.39	125	7694	---	Control Paver
2	Uni-Block, Grey, 60mm	---	---	---	2.7 thick	---	2030	36.39	3	185	---	Recyclable Paver Fly Ash
3	Uni-Block, Grey, 60mm	---	---	---	2.8 thick	---	2220	36.39	4.25	262	---	Recyclable Paver Fly Ash
4	Uni-Block, Grey, 60mm	---	---	---	2.8 thick	---	2220	36.39	4.25	262	---	Recyclable Paver Fly Ash
5	Uni-Block, Grey, 60mm	---	---	---	2.8 thick	---	2275	36.39	4.25	262	---	Recyclable Paver Fly Ash
6	Uni-Block, Grey, 60mm	---	---	---	2.8 thick	---	2185	36.39	3.75	231	---	Recyclable Paver Fly Ash
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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.

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.

8278
Engr. A. Rehman

To: Sub Divisional Officer
Building Sub Division, Hafizabad

Project: Construction of the Building DPO Office, Hafizabad (ADP Scheme No. 2790 For 2024-25)

Our Ref. No. CL/CED/ 6747 **Dated:** 13/12/2024 **Test Specification**

Your Ref. No. No. 145 **Dated:** 11-11-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 20/11/2024 **Tested on:** 13/12/2024 **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	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	115	8691	---	---
2	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3470	29.64	123	9296	---	---
3	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3430	29.64	107	8086	---	---
4	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3450	29.64	82	6197	---	---
5	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	93	7028	---	---
6	Rectangular, Grey, 80 mm	---	---	---	7.8 x 3.8 x 3.1	---	3560	29.64	123	9296	---	---
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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 compressive 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**