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.

7391
Dr. M. Yousaf

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (3rd Floor Shear Wall E'~G'/1~3 Columns A/1,2 C,E/1,2,4 G,F/4 & Pick up Columns F,G,E,C/4')

Our Ref. No. CL/CED/ 5228 Dated: 05-07-24

Your Ref. No. HMBDPL/S.O/07/24/113 (LHR) Dated: 04-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-07-24 Tested on: 04-07-24 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	Cylinder # 2, CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Cylinder # 4, CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14.2	28.28	69	5465	---	Non Engraved
3	Cylinder # 5, CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ghulam Nabi, CNIC # 35201-1248412-1

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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7386
Dr. M. Yousaf

To: Mr. Muhammad Ali
Manager, PUNJAB TILES

Project: Nil

Our Ref. No. CL/CED/ 5229 **Dated:** 05-07-24 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04-07-24 **Tested on:** 04-07-24 **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	Terrazzo Tile (White)	---	---	---	1.0 thick	---	1235	36	140	8711	---	---
2	Terrazzo Tile (White)	---	---	---	1.0 thick	---	1200	36	112	6969	---	---
3	Terrazzo Tile (White)	---	---	---	1.0 thick	---	1200	36	128	7964	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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.

7355
Dr. M. Yousaf

To: Mr. Muhammad Shahid
Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank 185-CC4 DHA T Sector Phase-7 Lahore.

Our Ref. No. CL/CED/ 5230 Dated: 05-07-24

Your Ref. No. IBS/CT/Allied/DHA-7-001 Dated: 25-06-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-06-24 Tested on: 04-07-24 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	Raft Slab (3000 Psi)	9	6	2024	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
2	Raft Slab (3000 Psi)	9	6	2024	6Diax12	---	15	28.28	65	5149	---	Non Engraved
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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
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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7355
Dr. M. Yousaf

To: **Mr. Muhammad Shahid**
Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank 185-CC4 DHA T Sector Phase-7 Lahore.

Our Ref. No. CL/CED/ 5231 **Dated: 05-07-24**

Your Ref. No. IBS/CT/Allied/DHA-7-001 **Dated: 25-06-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-06-24 **Tested on:** 04-07-24 **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	Raft Slab (3000 Psi)	9	6	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	Raft Slab (3000 Psi)	9	6	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
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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

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ORIGINAL
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7394
Dr. Umbreen

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (3rd Floor Shear Wall E'~G'/1~3 Columns A/1,2 C,E/1,2,4 G,F/4 & Pick up Columns F,G,E,C/4')

Our Ref. No. CL/CED/ 5232 Dated: 05-07-24

Your Ref. No. HMBDPL/S.O/07/24/114 (LHR) Dated: 05-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-07-24 **Tested on:** 05-07-24 **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	CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14.6	28.28	83	6574	---	Non Engraved
2	CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14.8	28.28	84	6653	---	Non Engraved
3	CT-113 (6000 Psi)	6	6	2024	6Diax12	---	14.6	28.28	76	6020	---	Non Engraved
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Witnessed by: Mr. Haseeb Afzal, CNIC # 34101-9592859-3

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

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ORIGINAL
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7378
Dr. Umbreen

To: **Engr. M. Abrar**
M.Sc. Structural Engineer, ABRAR AHMAD ASSOCIATES

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore

Our Ref. No. CL/CED/ 5233 **Dated: 05-07-24**

Your Ref. No. Nil **Dated: 03-07-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-24 **Tested on:** 05-07-24 **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	5th Floor Parapit Wall	26	6	2024	6Diax12	---	13	28.28	24	1901	---	Non Engraved
2	5th Floor Parapit Wall	26	6	2024	6Diax12	---	12.6	28.28	24	1901	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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7381
Dr. Umbreen

To: Mr. Javaid Iqbal
SAB CONSTRUCTIONS

Project: Shell & Core Works for Colgate Factory, Sundar Estate, Lahore.

Our Ref. No. CL/CED/ 5234 **Dated: 05-07-24**

Your Ref. No. SAB/CP/SCW/CT/003 **Dated: 03-07-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-24 **Tested on:** 05-07-24 **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	1st Floor Columns (5000 Psi)	27	5	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	1st Floor Columns (5000 Psi)	27	5	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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7381
Dr. Umbreen

To: Mr. Javaid Iqbal
SAB CONSTRUCTIONS

Project: Shell & Core Works for Colgate Factory, Sundar Estate, Lahore.

Our Ref. No. CL/CED/ 5235 **Dated: 05-07-24**

Your Ref. No. SAB/CP/SCW/CT/004 **Dated: 03-07-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-24 **Tested on:** 05-07-24 **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	1st Floor Columns (5000 Psi)	31	5	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
2	1st Floor Columns (5000 Psi)	31	5	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

7381
Dr. Umbreen

To: Mr. Javaid Iqbal
SAB CONSTRUCTIONS

Project: Shell & Core Works for Colgate Factory, Sundar Estate, Lahore.

Our Ref. No. CL/CED/ 5236 **Dated: 05-07-24**

Your Ref. No. SAB/CP/SCW/CT/005 **Dated: 03-07-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-24 **Tested on:** 05-07-24 **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	1st Floor Slab (4000 Psi)	11	6	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	1st Floor Slab (4000 Psi)	11	6	2024	6Diax12	---	13.4	28.28	64	5069	---	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 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**

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.

7382
Dr. Umbreen

To: Mr. Muhammad Mohsin
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.

Project: Tender No. P&S/25.01/5655 Construction of Storm Water Drainage System from Sham Nagar to River Ravi (Package-II)

Our Ref. No. CL/CED/ 5237 Dated: 05-07-24 **Test Specification**

Your Ref. No. 3882/11/MM/01/380 Dated: 02-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-24 **Tested on:** 05-07-24 **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	Drain (4000 Psi), Toe Wall	7	6	2024	6Diax12	---	14	28.28	95	7525	---	Non Engraved
2	Drain (4000 Psi), Toe Wall	7	6	2024	6Diax12	---	14	28.28	76	6020	---	Non Engraved
3	Drain (4000 Psi), Toe Wall	7	6	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
4	Drain (4000 Psi), Bottom Slab	9	6	2024	6Diax12	---	14	28.28	74	5861	---	Non Engraved
5	Drain (4000 Psi), Bottom Slab	9	6	2024	6Diax12	---	14	28.28	94	7446	---	Non Engraved
6	Drain (4000 Psi), Bottom Slab	9	6	2024	6Diax12	---	14	28.28	68	5386	---	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**

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

7372
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (Ground to 1ST FLOOR- STAIR DARBAR SIDE)

Our Ref. No. CL/CED/ 5238 Dated: 05-07-24 **Test Specification**

Your Ref. No. No. 711 Dated: 29/5/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 Tested on: 05-07-24 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	2	5	2024	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
2	3000 Psi	2	5	2024	6Diax12	---	13.8	28.28	43	3406	---	Non Engraved
3	3000 Psi	2	5	2024	6Diax12	---	14.8	28.28	40	3168	---	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.

7372
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (3RD FLOOR SLAB- DARBAR SIDE)

Our Ref. No. CL/CED/ 5239 **Dated:** 05-07-24 **Test Specification**

Your Ref. No. No. 813 **Dated:** 20/6/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 **Tested on:** 05-07-24 **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	20	5	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	3000 Psi	20	5	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	3000 Psi	20	5	2024	6Diax12	---	14.4	28.28	34	2693	---	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.

7372
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (4TH FLOOR COLUMNS - 12 COURTS SIDE)

Our Ref. No. CL/CED/ 5240 **Dated:** 05-07-24 **Test Specification**

Your Ref. No. No. 829 **Dated:** 20/6/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 **Tested on:** 05-07-24 **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	4000 Psi	29	5	2024	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
2	4000 Psi	29	5	2024	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
3	4000 Psi	29	5	2024	6Diax12	---	15	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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ORIGINAL
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7372
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (4TH FLOOR - SLAB DARBAR SIDE)

Our Ref. No. CL/CED/ 5241 Dated: 05-07-24 **Test Specification**

Your Ref. No. No. 845 Dated: 02-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 Tested on: 05-07-24 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	4	6	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
2	3000 Psi	4	6	2024	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	3000 Psi	4	6	2024	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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7372
Dr. Umbreen

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

Project: Construction of New Courts Block at Site of Old Administration Block at Lahore High Court, Lahore (3RD FLOOR COLUMN)

Our Ref. No. CL/CED/ 5242 Dated: 05-07-24 **Test Specification**

Your Ref. No. No. 728 Dated: 30/5/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 Tested on: 05-07-24 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	4000 Psi	2	5	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
2	4000 Psi	2	5	2024	6Diax12	---	14.4	28.28	52	4119	---	Non Engraved
3	4000 Psi	2	5	2024	6Diax12	---	13.8	28.28	64	5069	---	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**

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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.

7368
Dr. Umbreen

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

Project: Improvement of Streets at Qasim and Shajar Wali Attokay Awan Suttar Mill Padhana Jallo More, Wahga Zone Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 5243 Dated: 05-07-24 **Test Specification**

Your Ref. No. 4084/103/MUR/104/1870 Dated: 27/6/2024 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-24 **Tested on:** 04-07-24 **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	---	29	5	2024	6x6x6	---	8.6	36	95	5911	---	Non Engraved
2	---	29	5	2024	6x6x6	---	8.8	36	90	5600	---	Non Engraved
3	---	29	5	2024	6x6x6	---	8.2	36	91	5662	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

7369
Dr. M.Yousaf

To: Mr. Usman Javed
S.I, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 5244 Dated: 05-07-24 Test Specification

Your Ref. No. VISP/135/AIOU/SWL/021 Dated: 25/6/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 Tested on: 04-07-24 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2580	29.64	55	4157	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2585	29.64	77	5819	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2720	29.64	83	6273	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

7374
Dr. Umbreen

To: Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd

Project: Nil

Our Ref. No. CL/CED/ 5245-1 of 2 Dated: 05-07-24 Test Specification

Your Ref. No. Nil Dated: 01-07-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 Tested on: 05-07-24 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3560	29.64	76	5744	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3635	29.64	82	6197	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3600	29.64	89	6726	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3500	29.64	83	6273	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3585	29.64	85	6424	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3575	29.64	117	8842	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3545	29.64	80	6046	---	---
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3640	29.64	87	6575	---	---
9	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3725	29.64	90	6802	---	---
10	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3445	29.64	74	5592	---	---
11	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3630	29.64	85	6424	---	---
12	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3570	29.64	87	6575	---	---
13	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3645	29.64	93	7028	---	---
14	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3610	29.64	93	7028	---	---
15	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3675	29.64	105	7935	---	---
16	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3630	29.64	95	7179	---	---

Witnessed by: Engr. Haseeb Afzal, CNIC # 34101-9592859-3

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

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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

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

7374
Dr. Umbreen

To: Engr. Haseeb Afzal
Project Manager, HMB Developers Pvt. Ltd

Project: Nil

Our Ref. No. CL/CED/ 5245-2 of 2 **Dated:** 05-07-24 **Test Specification**

Your Ref. No. Nil **Dated:** 01-07-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02-07-24 **Tested on:** 05-07-24 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3570	29.64	79	5970	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3530	29.64	58	4383	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Haseeb Afzal, CNIC # 34101-9592859-3

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