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.

7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24) (Retaining Wall Upper Basement)

Our Ref. No. CL/CED/ 4639 Dated: 16-04-24 **Test Specification**

Your Ref. No. 307 Dated: 28-02-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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)	26	1	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	(4000 Psi)	26	1	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
3	(4000 Psi)	26	1	2024	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4640 Dated: 16-04-24 **Test Specification**

Your Ref. No. 308 Dated: 28-02-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12	---	14.2	28.28	94	7446	---	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 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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7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4641 Dated: 16-04-24 **Test Specification**

Your Ref. No. 319 Dated: 04-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Upper Basement Slab (3000 Psi)	2	2	2024	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
2	Upper Basement Slab (3000 Psi)	2	2	2024	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	Upper Basement Slab (3000 Psi)	2	2	2024	6Diax12	---	13	28.28	61	4832	---	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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7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4642 **Dated:** 16-04-24

Your Ref. No. 403 **Dated:** 14-03-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4643 Dated: 16-04-24 **Test Specification**

Your Ref. No. 468 Dated: 27-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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.

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7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4644 **Dated:** 16-04-24 **Test Specification**

Your Ref. No. 476 **Dated:** 02-04-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
2	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	First Floor Slab (3000 Psi)	28	2	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24)

Our Ref. No. CL/CED/ 4645 Dated: 16-04-24 **Test Specification**

Your Ref. No. 472 Dated: 02-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
2	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12	---	12.4	28.28	61	4832	---	Non Engraved
3	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12	---	14	28.28	69	5465	---	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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Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 For The Year 2023-24)

Our Ref. No. CL/CED/ 4646 Dated: 16-04-24 **Test Specification**

Your Ref. No. 474 Dated: 02-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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	Second Floor Column (4000 Psi)	24	3	2024	6Diax12	---	13.6	28.28	86	6812	---	Non Engraved
2	Second Floor Column (4000 Psi)	24	3	2024	6Diax12	---	13.6	28.28	103	8158	---	Non Engraved
3	Second Floor Column (4000 Psi)	24	3	2024	6Diax12	---	13.2	28.28	81	6416	---	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.

7003
Dr. Aqsa

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

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766 for the Year 2023-24). (Upper Basement to Ground Floor Ramp)

Our Ref. No. CL/CED/ 4647 **Dated: 16-04-24** **Test Specification**

Your Ref. No. 482 **Dated: 04-04-24** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 **Tested on:** 16-04-24 **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)	28	3	2024	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
2	(3000 Psi)	28	3	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
3	(3000 Psi)	28	3	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6		---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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