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.

6074
Dr. Umbreen

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Female Faculty Hostel.)

Our Ref. No. CL/CED/ 3260 Dated: 19-10-23

Your Ref. No. G3/UON-RE/396 Dated: 05-10-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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(1:1.5:3)	21	8	2023	6Diax12	---	16	28.28	62	4911	---	Non Engraved
2	PCC(1:1.5:3)	21	8	2023	6Diax12	---	15	28.28	61	4832	---	Non Engraved
3	PCC(1:1.5:3)	23	8	2023	6Diax12	---	12.4	28.28	52	4119	---	Non Engraved
4	PCC(1:1.5:3)	23	8	2023	6Diax12	---	13	28.28	48	3802	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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Civil Engineering Department
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ORIGINAL
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6074
Dr. Umbreen

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Residence Grade:20)

Our Ref. No. CL/CED/ 3261 Dated: 19-10-23

Your Ref. No. G3/UON-RE/408 Dated: 13-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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	Lean Concrete (1:4:8)	6	9	2023	6Diax12	---	14	28.28	44	3485	---	Engraved
2	Lean Concrete (1:4:8)	6	9	2023	6Diax12	---	13.8	28.28	44	3485	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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**

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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6074
Dr. Umbreen

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Family Flat-3)

Our Ref. No. CL/CED/ 3262 Dated: 19-10-23

Your Ref. No. G3/UON-RE/398 Dated: 06-10-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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 (1:1.5:3)	6	9	2023	6Diax12	---	16.4	28.28	68	5386	---	Non Engraved
2	PCC (1:1.5:3)	6	9	2023	6Diax12	---	16	28.28	58	4594	---	Non Engraved
3	PCC (1:1.5:3)	7	9	2023	6Diax12	---	14.8	28.28	38	3010	---	Non Engraved
4	PCC (1:1.5:3)	7	9	2023	6Diax12	---	14.6	28.28	42	3327	---	Non Engraved
5	PCC (1:1.5:3)	17	9	2023	6Diax12	---	15.4	28.28	48	3802	---	Engraved
6	PCC (1:1.5:3)	17	9	2023	6Diax12	---	16	28.28	50	3960	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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6074
Dr. Umbreen

To: Mr. Kashif-ul-Haq, Resident Engineer
G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Masjid)

Our Ref. No. CL/CED/ 3263 Dated: 19-10-23

Your Ref. No. G3/UON-RE/406 Dated: 12-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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 (1:1.5:3)	2	8	2023	6Diax12	---	13	28.28	56	4436	---	Engraved
2	PCC (1:1.5:3)	2	8	2023	6Diax12	---	13	28.28	36	2851	---	Engraved
3	PCC (1:1.5:3)	16	8	2023	6Diax12	---	14.8	28.28	48	3802	---	Non Engraved
4	PCC (1:1.5:3)	16	8	2023	6Diax12	---	15.2	28.28	52	4119	---	Non Engraved
5	PCC (1:1.5:3)	31	8	2023	6Diax12	---	14	28.28	46	3644	---	Engraved
6	PCC (1:1.5:3)	31	8	2023	6Diax12	---	14	28.28	54	4277	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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6066
Dr. Umbreen

To: Mr. Muhammad Riaz Bhatti, Resident Engineer
Fazaia Housing Scheme, Gujranwala.

Project: Construction of 08 Marla Commercial Plaza Fountain Commercial Plot #02, Sector A, Fazaia Housing Scheme Gujranwala.

Our Ref. No. CL/CED/ 3264 Dated: 19-10-23

Your Ref. No. FHSG/PMO/6015/5/Dev Dated: 12-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-10-2023 Tested on: 19-10-23 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 Columns	6	9	2023	6Diax12	---	13	28.28	89	7050	---	Engraved
2	2nd Floor Slab Columns	6	9	2023	6Diax12	---	14	28.28	40	3168	---	Engraved
3	2nd Floor Slab Columns	6	9	2023	6Diax12	---	14.8	28.28	34	2693	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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6066
Dr. Umbreen

To: Mr. Muhammad Riaz Bhatti, Resident Engineer
Fazaia Housing Scheme, Gujranwala.

Project: Construction of 8.5 Marla Commercial Plaza Mall Commercial Plot #03, Sector A, Fazaia Housing Scheme Gujranwala.

Our Ref. No. CL/CED/ 3265 Dated: 19-10-23

Your Ref. No. FHSG/PMO/6015/5/Dev Dated: 12-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-10-2023 Tested on: 19-10-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Basement RCC Wall	14	9	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	Basement RCC Wall	14	9	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	Basement RCC Wall	14	9	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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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.

6047&6048
Dr. Umbreen

To: Mr. Goher Abbas, Proprietor
Five Star Construction Co.

Project: Construction of New Noodle 1200, Unilever, Phool Nagar

Our Ref. No. CL/CED/ 3266-1 of 2 Dated: 19-10-23

Your Ref. No. Nil Dated: Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 Tested on: 19-10-23 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 G12/13 (3000 Psi)	1	9	2023	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
2	Foundation G6&G8 (3000 Psi)	10	9	2023	6Diax12	---	12.6	28.28	19	1505	---	Non Engraved
3	Foundation G6&G8 (3000 Psi)	10	9	2023	6Diax12	---	13	28.28	23	1822	---	Non Engraved
4	Foundation G6&G8 (3000 Psi)	10	9	2023	6Diax13	---	12.6	28.28	20	1584	---	Non Engraved
5	Foundation G7 (3000 Psi)	11	9	2023	6Diax14	---	14	28.28	44	3485	---	Non Engraved
6	Foundation G7 (3000 Psi)	11	9	2023	6Diax15	---	14	28.28	44	3485	---	Non Engraved
7	Columns G6&G8 (4000 Psi)	11	9	2023	6Diax16	---	14.6	28.28	68	5386	---	Non Engraved
8	Columns G7 (4000 Psi)	12	9	2023	6Diax17	---	13.8	28.28	52	4119	---	Non Engraved
9	Columns G7 (4000 Psi)	12	9	2023	6Diax18	---	13.4	28.28	48	3802	---	Non Engraved
10	Floor Mezzanine (4000 Psi)	13	9	2023	6Diax19	---	14	28.28	40	3168	---	Non Engraved
11	Floor Mezzanine (4000 Psi)	13	9	2023	6Diax20	---	14	28.28	38	3010	---	Non Engraved
12	Floor Mezzanine (4000 Psi)	14	9	2023	6Diax21	---	14	28.28	42	3327	---	Non Engraved
13	Floor Mezzanine (4000 Psi)	14	9	2023	6Diax22	---	14	28.28	54	4277	---	Non Engraved
14	Floor Mezzanine (4000 Psi)	15	9	2023	6Diax23	---	14.8	28.28	56	4436	---	Non Engraved
15	Floor Mezzanine (4000 Psi)	15	9	2023	6Diax24	---	14	28.28	48	3802	---	Non Engraved
16	Floor Mezzanine (4000 Psi)	16	9	2023	6Diax25	---	14	28.28	44	3485	---	Non Engraved

Witnessed by: Mr. M. Hashem Chughtai, CNIC # 31303-8628295-9

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

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6047&6048
Dr. Umbreen

To: Mr. Goher Abbas, Propritor
Five Star Construction Co.

Project: Construction Of New Noodle 1200, Unilever, Phool Nagar

Our Ref. No. CL/CED/ 3266-2 of 2 Dated: 19-10-23

Your Ref. No. Nill Dated: Nill

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 Tested on: 19-10-23 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	Floor Mezzanine (4000 Psi)	16	9	2023	6Diax12	---	14.6	28.28	46	3644	---	Non Engraved
2	Floor Mezzanine (4000 Psi)	17	9	2023	6Diax12	---	14	28.28	40	3168	---	Non Engraved
3	Floor Mezzanine (4000 Psi)	17	9	2023	6Diax12	---	14.8	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Hashem Chughtai, CNIC # 31303-8628295-9

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

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.

6043
Dr. Umbreen

To: **Mr. Z.H.Kazmi**
Principal Architect, Z.H.Kazmi & Associates

Project: Construction Of MCB Bank Ltd. Gohadpur Branch Gujranwala Region (0222)

Our Ref. No. CL/CED/ 3267 **Dated: 19-10-23**

Your Ref. No. Nil **Dated: 10-10-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 **Tested on:** 19-10-23 **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	---	16	9	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	---	16	9	2023	6Diax12	---	14.6	28.28	58	4594	---	Non Engraved
3	---	16	9	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
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 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.

6043
Dr. Umbreen

To: Mr. Z.H.Kazmi
Principal Architect, Z.H.Kazmi & Associates

Project: Construction Of MCB Bank Ltd. Gohadpur Branch Gujranwala Region (0222)

Our Ref. No. CL/CED/ 3268 Dated: 19-10-23

Your Ref. No. Nil Dated: 10-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 Tested on: 19-10-23 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	---	28	9	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	---	28	9	2023	6Diax12	---	14.4	28.28	62	4911	---	Non Engraved
3	---	28	9	2023	6Diax12	---	14.4	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

6054
Dr. Umbreen

To: Hussain Construction Company
4th Floor, 244C, DHA Phase 8, Lahore

Project: Construction of Allied School at CMH Medical and Dental College Lahore.

Our Ref. No. CL/CED/ 3269 **Dated:** 19-10-23 **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: 11-10-2023 **Tested on:** 19-10-23 **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	Slab (1:2:4)	13	9	2023	6Diax12	---	14	28.28	46	3644	---	Engraved
2	Slab (1:2:4)	13	9	2023	6Diax12	---	14.6	28.28	64	5069	---	Engraved
3	Slab (1:2:4)	13	9	2023	6Diax12	---	15	28.28	58	4594	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

6042
Dr. Umbreen

To: Mr. Umair Latif
Development Engineer, University of the Punjab, Office of the Chief Engineer

Project: Construction of Law College Graduate Block (Phase I) at University Law College at Q.A.C, University of the Punjab, Lahore.

Our Ref. No. CL/CED/ 3270 Dated: 19-10-23 **Test Specification**

Your Ref. No. D-3420-DE Dated: 09-10-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 Tested on: 19-10-23 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	Footing for Block A (1:2:4)	11	9	2023	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
2	Footing for Block A (1:2:4)	11	9	2023	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
3	Footing for Block A (1:2:4)	11	9	2023	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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**

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.

6084
Dr. Umbreen

To: Mr. Khalil Janjua
Noble Engineering Services

Project: Nil

Our Ref. No. CL/CED/ 3271 **Dated:** 19-10-23

Your Ref. No. NES/005/SRLHRUET/02 **Dated:** 16-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16-10-2023 **Tested on:** 19-10-23 **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)	5	10	2023	6Diax12	---	13.4	28.28	58	4594	---	Engraved
2	Ground Floor Column (4000 Psi)	5	10	2023	6Diax12	---	13.8	28.28	36	2851	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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.

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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.

6072
Dr. Umbreen

To: Mr. Muhammad Yousaf
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 3272 Dated: 19-10-23

Your Ref. No. PCS/23/Eng/191 Dated: 13-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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	Shear Wall G.F, 8 to 9 Grid	22	9	2023	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6072
Dr. Umbreen

To: Mr. Muhammad Yousaf
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 3273 Dated: 19-10-23

Your Ref. No. PCS/23/Eng/192 Dated: 13-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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	Shear Wall G.F, 8 to 9 Grid	22	9	2023	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

6072
Dr. Umbreen

To: Mr. Muhammad Yousaf
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank D.R Center Faisalabad.

Our Ref. No. CL/CED/ 3274 Dated: 19-10-23

Your Ref. No. PCS/23/Eng/193 Dated: 13-10-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-2023 Tested on: 19-10-23 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	Shear Wall G.F, 8 to 9 Grid	22	9	2023	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**

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.

6045
Dr. Umbreen

To: **Mr. Muhammad Saleem**
G.M, Professional Construction Services Pvt. Ltd.

Project: Construction of TCF Secondary School Ext at Chak No. 373, Burewala.

Our Ref. No. CL/CED/ 3275 **Dated: 19-10-23**

Your Ref. No. PCS/23/Eng/174 **Dated: 10-10-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-10-2023 **Tested on:** 19-10-23 **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	5	9	2023	6Diax12	---	14	28.28	43	3406	---	Engraved
2	First Floor Slab	5	9	2023	6Diax12	---	13.4	28.28	45	3564	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**