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.

7776
Dr. M. Yousaf

To: **Engr. Hassan Mahmood**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Construction of DHA New Life Residencia Apartments at 273/1, Q Block Phase-II DHA , Lahore.
Columns at Grid # (L/7-8, 11-12), (M/9-11), (J/3-9), (K/8-9,10-13) of B Block.

Our Ref. No. CL/CED/ 5898 **Dated: 16-09-24** **Test Specification**

Your Ref. No. G3/DHA/NLD/RE/253 **Dated: 04-09-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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	Columns (5000 Psi)	30	8	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
2	Columns (5000 Psi)	30	8	2024	6Diax12	---	14	28.28	42	3327	---	Engraved
3	Columns (5000 Psi)	30	8	2024	6Diax12	---	14	28.28	39	3089	---	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 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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7776
Dr. M. Yousaf

To: **Engr. Hassan Mahmood**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Construction of DHA New Life Residencia Apartments at 273/1, Q Block Phase-II DHA , Lahore. (Slab 8A Apartment at 3rd Floor of Block A.)

Our Ref. No. CL/CED/ 5899 **Dated: 16-09-24** **Test Specification**

Your Ref. No. G3/DHA/NLD/RE/252 **Dated: 04-09-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 16-09-24 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	Slab 3rd Floor (4000 Psi)	7	8	2024	6Diax12	---	13.2	28.28	48	3802	---	Engraved
2	Slab 3rd Floor (4000 Psi)	7	8	2024	6Diax12	---	13.4	28.28	56	4436	---	Engraved
3	Slab 3rd Floor (4000 Psi)	7	8	2024	6Diax12	---	13	28.28	44	3485	---	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 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.

7801
Dr. M. Yousaf

To: Engr. Zaheer ud din Babar
Deputy General Manager Projects, Habib Rafiq Engineering Pvt. Ltd.

Project: Construction of Sky Gardens Tower, Lahore. (New Additional Columns at level B1, C13, C8A and C8C at Grid (E/2-3))

Our Ref. No. CL/CED/ 5900 Dated: 16-09-24 Test Specification

Your Ref. No. HRL/SKG/2024/166 Dated: 12-09-24 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-09-24 **Tested on:** 16-09-24 **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	(8000 Psi)	16	8	2024	6Diax12	---	13.8	28.28	76	6020	---	Non Engraved
2	(8000 Psi)	16	8	2024	6Diax12	---	14	28.28	98	7762	---	Non Engraved
3	(8000 Psi)	16	8	2024	6Diax12	---	14	28.28	119	9426	---	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.

7768
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Family Flats = 01). (Stair G.F, 1st Floor 2nd Floor)

Our Ref. No. CL/CED/ 5901 **Dated: 16-09-24**

Your Ref. No. G3/UON-RE/636 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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	Stair (3000 psi)	4	6	2024	6Diax12	---	13.2	28.28	75	5941	---	Engraved
2	Stair (3000 psi)	4	6	2024	6Diax12	---	13.2	28.28	40	3168	---	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 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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7768
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Constrution of Jamia Masjid). (1st Floor Column, Portion B)

Our Ref. No. CL/CED/ 5902 **Dated: 16-09-24**

Your Ref. No. G3/UON-RE/628 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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 (4000 Psi)	18	7	2024	6Diax12	---	13.2	28.28	46	3644	---	Engraved
2	Column (4000 Psi)	18	7	2024	6Diax12	---	13.2	28.28	78	6178	---	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.

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

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

7768
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Jamia Masjid). (1st Floor Roof Slab Portion B)

Our Ref. No. CL/CED/ 5903 **Dated: 16-09-24**

Your Ref. No. G3/UON-RE/629 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 16-09-24 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	Slab (3000 Psi)	6	8	2024	6Diax12	---	14	28.28	38	3010	---	Engraved
2	Slab (3000 Psi)	6	8	2024	6Diax12	---	14	28.28	39	3089	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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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A carbon copy for the report has been retained in the lab for record.

7768
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Family Flats = 01). (Mumty Column)

Our Ref. No. CL/CED/ 5904 **Dated: 16-09-24**

Your Ref. No. G3/UON-RE/637 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 16-09-24 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	Columns (4000 Psi)	3	6	2024	6Diax12	---	13.4	28.28	84	6653	---	Engraved
2	Columns (4000 Psi)	3	6	2024	6Diax12	---	13	28.28	43	3406	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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
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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.

7788
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No.1, GOR-1, Lahore.

Project: Construction of Office Building Punjab Educational Endowment Fund (PEEF), Lahore.

Our Ref. No. CL/CED/ 5905 **Dated:** 16-09-24

Your Ref. No. 1121 MSD-1, GOR-1 **Dated:** 09-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-09-24 **Tested on:** 16-09-24 **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	(1:2:4)	26	8	2024	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
2	(1:2:4)	26	8	2024	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	(1:2:4)	26	8	2024	6Diax12	---	13.2	28.28	43	3406	---	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)
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.

7788
Dr. M. Yousaf

To: Sub Divisional Officer
Maintenance Sub Division No.1, GOR-1, Lahore.

Project: Construction of Office Building Punjab Educational Endowment Fund (PEEF), Lahore

Our Ref. No. CL/CED/ 5906 **Dated: 16-09-24**

Your Ref. No. 1122 MSD-1, GOR-1 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-09-24 **Tested on:** 16-09-24 **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	(1:2:4)	26	8	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	(1:2:4)	26	8	2024	6Diax12	---	12.2	28.28	39	3089	---	Non Engraved
3	(1:2:4)	26	8	2024	6Diax12	---	12.2	28.28	37	2931	---	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 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.

7769
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Grade 18,19). (Ground Floor Slab # 02, 03)

Our Ref. No. CL/CED/ 5907 **Dated: 16-09-24**

Your Ref. No. G3/UON-RE/633 **Dated: 09-09-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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)	3	8	2024	6Diax12	---	13.4	28.28	36	2851	---	Engraved
2	Ground Floor Slab (3000 Psi)	3	8	2024	6Diax12	---	14	28.28	47	3723	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

7769
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Our Ref. No. CL/CED/ 5908 **Dated: 16-09-24** **Test Specification**

Your Ref. No. G3/UON-RE/627 **Dated: 09-09-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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 Column (4000 Psi)	2	7	2024	6Diax12	---	13.8	28.28	46	3644	---	Engraved
2	1st Floor Column (4000 Psi)	2	7	2024	6Diax12	---	14	28.28	52	4119	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

7769
Dr. M. Yousaf

To: **Mr. Muzaffar Ahmed**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component). (Construction of Family Flats # 03)

Our Ref. No. CL/CED/ 5909 **Dated: 16-09-24** **Test Specification**

Your Ref. No. G3/UON-RE/635 **Dated: 09-09-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 **Tested on:** 16-09-24 **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	Mumty Column (4000 Psi)	3	1	2024	6Diax12	---	14	28.28	57	4515	---	Engraved
2	Mumty Column (4000 Psi)	3	1	2024	6Diax12	---	13.4	28.28	40	3168	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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.

7769
Dr. M. Yousaf

To: Mr. Muzaffar Ahmed
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Our Ref. No. CL/CED/ 5910 Dated: 16-09-24

Your Ref. No. G3/UON-RE/631 Dated: 09-09-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 09-09-24 Tested on: 16-09-24 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	P	---	---	---	8.8 x 4.2 x 2.9	3480	3095	36.96	44	2667	12.44	---
2	P	---	---	---	8.8 x 4.2 x 2.8	3430	3010	36.96	48	2909	13.95	---
3	P	---	---	---	8.8 x 4.2 x 2.9	3565	3115	36.96	38	2303	14.45	---
4	P	---	---	---	8.7 x 4.3 x 3	3535	3045	37.41	44	2635	16.09	---
5	P	---	---	---	8.9 x 4.4 x 3	3570	3060	39.16	34	1945	16.67	---
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
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.

7712
Dr. M. Yousaf

To: Mr. Muhammad Jan
Senior Site Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Construction of Allama Iqbal Open University, Regional Campus Building at Sheikhupura.

Our Ref. No. CL/CED/ 5911 Dated: 16-09-24

Your Ref. No. 348/2022/AIOU-SKP/LAB/25 Dated: 27-08-24

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-08-24 **Tested on:** 16-09-24 **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	S8	---	---	---	8.8 x 4.2 x 2.9	3360	3055	36.96	44	2667	9.98	---
2	S8	---	---	---	8.7 x 4.3 x 2.9	3425	3125	37.41	44	2635	9.6	---
3	S8	---	---	---	8.8 x 4.2 x 2.8	3435	3040	36.96	34	2061	12.99	---
4	S8	---	---	---	8.8 x 4.2 x 2.9	3520	3115	36.96	40	2424	13	---
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
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.

7794
Dr. M. Yousaf

To: Mr. Zaheer Ahmad
Chief Executive Officer, SAMCON Associates.

Project: Construction of SKF Cow Farm, Sheikhupura.

Our Ref. No. CL/CED/ 5912 **Dated:** 16-09-24 **Test Specification**

Your Ref. No. SAM/NESTLE/SKF/24/14 **Dated:** 11-09-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 11-09-24 **Tested on:** 16-09-24 **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	R	---	---	---	8.8 x 4.2 x 2.8	---	2950	36.96	43	2606	---	---
2	16	---	---	---	8.5 x 4.1 x 2.6	---	2650	34.85	37	2378	---	---
3	313	---	---	---	8.8 x 4.2 x 2.9	---	3100	36.96	44	2667	---	---
4	UB	---	---	---	8.5 x 4 x 2.5	---	2685	34	44	2899	---	---
5	5	---	---	---	8.7 x 4.1 x 2.6	---	2495	35.67	32	2010	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

7794
Dr. M. Yousaf

To: Lt. Col. (R) Muhammad Ibrahim
Senior Estate Engineer, Sundar Industrial Estate, Lahore.

Project: Development of Tube Well no.7 and Rehabilitation of OHR-1

Our Ref. No. CL/CED/ 5913 **Dated: 16-09-24**

Your Ref. No. BOM/SIE/BCD-9-24/600 **Dated: 04-09-24**

Test Specification
(BS 3921)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-09-24 **Tested on:** 16-09-24 **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	MD	---	---	---	8.8 x 4.3 x 2.9	3590	3245	37.84	48	2841	10.63	---
2	MD	---	---	---	9 x 4.3 x 2.9	3615	3125	38.7	25	1447	15.68	---
3	MD	---	---	---	8.9 x 4.3 x 2.9	3640	3160	38.27	35	2049	15.19	---
4	MD	---	---	---	8.8 x 4.3 x 2.8	3520	3140	37.84	41	2427	12.1	---
5	MD	---	---	---	9 x 4.3 x 3	3935	3390	38.7	34	1968	16.08	---
6	MD	---	---	---	8.9 x 4.3 x 3	3665	3170	38.27	40	2341	15.62	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7816
Dr. M. Yousaf

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

Project: Commercial Tower, Finance Trade Centre, Lahore. (6th Floor Columns A~G/1,2,4 Pick up Columns G,F,E,C/4' B'/4)

Our Ref. No. CL/CED/ 5914 Dated: 16-09-24

Your Ref. No. HMBDPL/S.O/09/24/130 (LHR) Dated: 16-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 16-09-24 **Tested on:** 16-09-24 **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-138 (5000 Psi)	19	8	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
2	CT-138 (5000 Psi)	19	8	2024	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
3	CT-138 (5000 Psi)	19	8	2024	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---					---	---	---	---	---	---	---

Witnessed by: Mr. Ghulam Nabi CNIC # 35201-1248412-1

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

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