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.

4615
Dr. Unbreen

To: **Mr. Ejaz Ali Bukhari**
Resident Engineer (AZEA), Mianwali & Bhakkar. (Contractor: M/S GKB)

Project: Dualization of Road from Account Office Chowk to Railway Line I/C Link to Rabi Plaza Chowk in Mianwali City (Total Length 1.53 Kms)

Our Ref. No. CL/CED/ 1229 **Dated: 17/02/2023** **Test Specification**

Your Ref. No. AZEA/MWL/City/LAB/018 **Dated: 18/12/2022** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19/01/2023 Tested on: 17/02/2023 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	Kerb Stone	---	---	---	6x6x6	---	8	36	104	6471	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	7.9	36	71	4418	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	8.1	36	94	5849	---	Cut Cube
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**

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

4803
Dr. Umbreen

To: **Baig Construction Co.**
Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Lahore.

Our Ref. No. CL/CED/ 1230 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. 17022023BCC **Dated: 17/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 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	CL-5500 Psi	14	1	2023	6Diax12	---	14	28.28	112	8871	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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4804
Dr. Umbreen

To: **Baig Construction Co.**
Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Lahore.

Our Ref. No. CL/CED/ 1231 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. 17022023BCC **Dated: 17/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 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	CL-5500 Psi	14	1	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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4805
Dr. Umbreen

To: **Mr. Rana Manzor**
Project Manager, TETRA READY MIX PVT. LTD.

Project: Construction of E-Mall 125/E 115/E Gulberg III Lahore

Our Ref. No. CL/CED/ 1232 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. TRM/AlFatah/001 **Dated: 16/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 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	Trial Mix 3000 Psi (1)	9	2	2023	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
2	Trial Mix 3000 Psi (2)	9	2	2023	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	Trial Mix 3000 Psi (11)	9	2	2023	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
4	TrialMix 3000 Psi (12)	9	2	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
5	Trial Mix 4000 Psi (1)	9	2	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
6	Trial Mix 4000 Psi (2)	9	2	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
7	Trial Mix 4000 Psi (11)	9	2	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
8	Trial Mix 4000 Psi (12)	9	2	2023	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Faisal Hussain, CNIC: 44203-8540872-5 & Mr. Javaid Iqbal, CNIC 35102-4898955-5

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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ORIGINAL
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4743
Dr. Umbreen

To: **M. Saleem Construction Company, Engineers & Contractors**
Sheikhupura.

Project: Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/ 1233 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Cylender Test **Dated: 08/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 Tested on: 17/2/2023 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	CF-1 Line A- 1 Grid- 2 to 3	27	1	2023	6Diax12	---	13.8	28.28	83	6574	---	Engraved
2	CF-1 Line A- 1 Grid- 2 to 3	27	1	2023	6Diax12	---	13.4	28.28	75	5941	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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4743
Dr. Umbreen

To: **M. Saleem Construction Company, Engineers & Contractors**
Sheikhupura.

Project: Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/ 1234 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Cylender Test **Dated: 08/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 Tested on: 17/2/2023 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	CF-2 Line A- 1 Grid- 1 to 2	28	1	2023	6Diax12	---	13.6	28.28	57	4515	---	Engraved
2	CF-2 Line A- 1 Grid- 1 to 2	28	1	2023	6Diax12	---	13.4	28.28	49	3881	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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4743
Dr.Umbreen

To: M. Saleem Construction Company, Engineers & Contractors
Sheikhupura.

Project: Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/ 1235 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Cylender Test **Dated: 08/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 **Tested on:** 17/2/2023 **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	CF-3 Line A- 2 Grid-1 to 2	30	1	2023	6Diax12	---	14	28.28	43	3406	---	Engraved
2	CF-3 Line A- 2 Grid-1 to 2	30	1	2023	6Diax12	---	14	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4785
Dr. Umbreen

To: **Mr. Shoaib**
Assistant Engineer Civil UHE, M. SIDDIQUE SONS BUILDING CONTRACTOR

Project: Business Incubation Center, UHE Lahore.

Our Ref. No. CL/CED/ 1236 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Nil **Dated: 14/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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 Footings (3000 Psi)	21	1	2023	6Diax12	---	14.2	28.28	33	2614	---	Engraved
2	Column Footings (3000 Psi)	21	1	2023	6Diax12	---	12.8	28.28	31	2455	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

4785
Dr. Umbreen

To: **Mr. Shoaib**
Assistant Engineer Civil UHE, M. SIDDIQUE SONS BUILDING CONTRACTOR

Project: Business Incubation Center, UHE Lahore.

Our Ref. No. CL/CED/ 1237 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Nil **Dated: 14/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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 Footings (3000 Psi)	19	1	2023	6Diax12	---	14	28.28	33	2614	---	Engraved
2	Column Footings (3000 Psi)	19	1	2023	6Diax12	---	13	28.28	27	2139	---	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**

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.

4762
Dr. Umbreen

To: **Mr. Muhammad Siddique**
Head QA/AC, AL-A'ZAMIYYA BLOCK PHASE I

Project: Nil

Our Ref. No. CL/CED/ 1238 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. Alz/CT/UET/004 **Dated: 10/02/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2023 Tested on: 17/2/2023 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	17	1	2023	6Diax12	---	13	28.28	55	4356	---	Non Engraved
2	4000 Psi	17	1	2023	6Diax12	---	13	28.28	47	3723	---	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**

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.

4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Column Grid 4/A, B1 Grid 3/A, B1 C2,(20) C15,C 18x2, C23x2 Grid 5/A, B1 Ramp)

Our Ref. No. CL/CED/ 1239 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. OCC/CPD/17/121 **Dated: 14/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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	6000 Psi	31	1	2023	6Diax12	---	13.6	28.28	118	9347	---	Non Engraved
2	6000 Psi	31	1	2023	6Diax12	---	13.2	28.28	83	6574	---	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**

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.

4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B3 Floor Slab Grid 1.1-1/B.1-E3)

Our Ref. No. CL/CED/ 1240 **Dated: 17/2/2023**

Your Ref. No. OCC/CPD/17/124 **Dated: 14/2/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 17/2/2023 **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	3	2	2023	6Diax12	---	13	28.28	104	8238	---	Non Engraved
2	4000 Psi	3	2	2023	6Diax12	---	14	28.28	57	4515	---	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**

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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4780
Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Raft Grid 1.1-1/E-3 H)

Our Ref. No. CL/CED/ 1241 Dated: 17/2/2023 **Test Specification**

Your Ref. No. OCC/CPD/17/125 Dated: 14/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	5000 Psi	31	1	2023	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
2	5000 Psi	31	1	2023	6Diax12	---	14	28.28	77	6099	---	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**

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.

4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Grid 5/C.1, D, D.3 Grid 4/C-3, D.1 C15x3)

Our Ref. No. CL/CED/ 1242 **Dated: 17/2/2023**

Your Ref. No. OCC/CPD/17/122 **Dated: 14/2/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 17/2/2023 **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	6000 Psi	1	2	2023	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
2	6000 Psi	1	2	2023	6Diax12	---	13.2	28.28	104	8238	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

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

4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Grid 4/E3,F2, 3/E3 C18x2 C23 x2)

Our Ref. No. CL/CED/ 1243 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. OCC/CPD/15/110 **Dated: 14/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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	6000 Psi	14	1	2023	6Diax12	---	13.2	28.28	92	7287	---	Engraved
2	6000 Psi	14	1	2023	6Diax12	---	13.2	28.28	77	6099	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Column Grid 4-C-3D.1 Grid 5C1 D, D-3, B-1)

Our Ref. No. CL/CED/ 1244 **Dated: 17/2/2023**

Your Ref. No. OCC/CPD/14/109 **Dated: 14/2/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 17/2/2023 **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	6000 Psi	13	1	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	6000 Psi	13	1	2023	6Diax12	---	13	28.28	90	7129	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Slab Grid 1-2 Line C-E Slab)

Our Ref. No. CL/CED/ 1245 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. OCC/CPD/14/109 **Dated: 14/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 17/2/2023 **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	13	1	2023	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
2	4000 Psi	13	1	2023	6Diax12	---	13.4	28.28	77	6099	---	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**

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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4780
Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Retaining wall-19 Grid 5-2/H (19) Column 1 Grid 2/G, F D1, C3 Grid 1/E3 D1, C3 C23x7

Our Ref. No. CL/CED/ 1246 Dated: 17/2/2023 **Test Specification**

Your Ref. No. OCC/CPD/15/111 Dated: 14/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 **Tested on:** 17/2/2023 **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	6000 Psi	15	1	2023	6Diax12	---	13	28.28	92	7287	---	Non Engraved
2	6000 Psi	15	1	2023	6Diax12	---	14	28.28	112	8871	---	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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4780
Dr.Umbreen

To: **Engr. Major Zia-ul-Islam (R)**
Project Director,GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Column Grid 3,4-B.1 (18x2) C20 Grid 5 Ramp 19')

Our Ref. No. CL/CED/ 1247 **Dated: 17/2/2023** **Test Specification**

Your Ref. No. OCC/CPD/14/108 **Dated: 14/2/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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	6000 Psi	12	1	2023	6Diax12	---	13.8	28.28	104	8238	---	Non Engraved
2	6000 Psi	12	1	2023	6Diax12	---	14	28.28	120	9505	---	Non Engraved
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ORIGINAL
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4793
Dr.Umbreen

To: Mr. Khalid Bashir
For Ittefaq Building Solutions (Pvt) Ltd

Project: Construction of Ahmad Latif House-511 DHA Phase-6, J block Lahore

Our Ref. No. CL/CED/ 1248 Dated: 17/2/2023 **Test Specification**

Your Ref. No. IBS/AL/CT-03 Dated: 09/02/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 16/2/2023 Tested on: 17/2/2023 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 Slab (3000 psi)	11	1	2023	6x6x6	---	8.6	36	81	5040	---	Non Engraved
2	Basement Slab (3000 psi)	11	1	2023	6x6x6	---	8.4	36	77	4791	---	Non Engraved
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