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.

4845
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 22, Lahore.

Project: Construction of New Bachelor Hostel, Research and Training Institute office Complex, Manawan, Lahore.

Our Ref. No. CL/CED/ 1361 Dated: 06-03-23 Test Specification

Your Ref. No. 32/SDO-22 Dated: 24-02-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-23 Tested on: 06-03-23 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	G-2	---	---	---	8.8 x 4.3 x 3	3710	3310	37.84	51	3019	12.08	---
2	G-2	---	---	---	8.7 x 4.3 x 3.1	3875	3465	37.41	61	3652	11.83	---
3	G-2	---	---	---	8.8 x 4.2 x 3	3660	3325	36.96	53	3212	10.08	---
4	G-2	---	---	---	8.8 x 4.2 x 3	3790	3435	36.96	53	3212	10.33	---
5	G-2	---	---	---	8.5 x 4 x 3.1	3580	3320	34	57	3755	7.83	---
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 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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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.

4885
Dr. Umbreen

To: **Mr. Asif Saddique**
Ideal Construction Service.

Project: FMH Tower, Lahore.

Our Ref. No. CL/CED/ 1362 **Dated: 06-03-23** **Test Specification**

Your Ref. No. ICS/786/465 **Dated: 03-03-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-03-23 Tested on: 06-03-23 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	5000 Psi	24	1	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	5000 Psi	24	1	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	5000 Psi	24	1	2023	6Diax12	---	14.2	28.28	73	5782	---	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
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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.

4889
Dr. Umbreen

To: Engr. Pervaiz
New Vision Engineering Consultant, Lahore.

Project: Construction of RCC Over Head Water Tank at M-Block Quaid-e-Azam Industrial Estate Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 1363 Dated: 06-03-23 **Test Specification**

Your Ref. No. NVEC/RE/GSWR/20 Dated: 23-02-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-03-23 **Tested on:** 06-03-23 **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	Bowl (4000 Psi)	23	1	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	Bowl (4000 Psi)	23	1	2023	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	Bowl (4000 Psi)	23	1	2023	6Diax12	---	14.4	28.28	67	5307	---	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 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.

4889
Dr. Umbreen

To: Engr. Pervaiz
New Vision Engineering Consultant, Lahore.

Project: Construction of RCC Over Head Water Tank at M-Block Quaid-e-Azam Industrial Estate Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 1364 Dated: 06-03-23 **Test Specification**

Your Ref. No. NVEC/RE/GSWR/23 Dated: 01-03-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-03-23 **Tested on:** 06-03-23 **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	Vertical Wall (4000 Psi)	1	2	2023	6Diax12	---	13	28.28	81	6416	---	Non Engraved
2	Vertical Wall (4000 Psi)	1	2	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	Vertical Wall (4000 Psi)	1	2	2023	6Diax12	---	13	28.28	63	4990	---	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 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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4889
Dr. Umbreen

To: Engr. Pervaiz
New Vision Engineering Consultant, Lahore.

Project: Construction of RCC Over Head Water Tank at M-Block Quaid-e-Azam Industrial Estate Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 1365 Dated: 06-03-23 Test Specification

Your Ref. No. NVEC/RE/GSWR/22 Dated: 25-02-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-03-23 Tested on: 06-03-23 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	Bowl (4000 Psi)	25	1	2023	6Diax12	---	13	28.28	73	5782	---	Non Engraved
2	Bowl (4000 Psi)	25	1	2023	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	Bowl (4000 Psi)	25	1	2023	6Diax12	---	13.2	28.28	94	7446	---	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 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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4889
Dr. Umbreen

To: Engr. Pervaiz
New Vision Engineering Consultant, Lahore.

Project: Construction of RCC Over Head Water Tank at M-Block Quaid-e-Azam Industrial Estate Kot Lakhpat Lahore.

Our Ref. No. CL/CED/ 1366 Dated: 06-03-23 **Test Specification**

Your Ref. No. NVEC/RE/GSWR/21 Dated: 24-02-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-03-23 **Tested on:** 06-03-23 **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	Bowl (4000 Psi)	24	1	2023	6Diax12	---	14.2	28.28	73	5782	---	Non Engraved
2	Bowl (4000 Psi)	24	1	2023	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	Bowl (4000 Psi)	24	1	2023	6Diax12	---	14	28.28	83	6574	---	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
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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**

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

4862
Dr. Umbreen

To: Cantonment Executive Officer
Sargodha Cantt.

Project: Construction of Rooms + Set of Baths in CB School Situated at Tariqabad. (E. Cost M 16.158)

Our Ref. No. CL/CED/ 1367-1 of 2 **Dated: 06-03-23** **Test Specification**

Your Ref. No. CBS/CANT/01/706 **Dated: 15-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-02-23 Tested on: 06-03-23 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	(1:2:4)	24	1	2023	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
2	(1:2:4)	24	1	2023	6Diax12	---	13.4	28.28	86	6812	---	Non 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
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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.

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.

4877
Dr. Umbreen

To: Mr. Abdul Qadir Ali
Fateh Garh, Lahore Cantt.

Project: 83 G Model Town, Lahore.

Our Ref. No. CL/CED/ 1368 **Dated:** 06-03-23

Your Ref. No. Nil **Dated:** 02-03-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-02-23 **Tested on:** 06-03-23 **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 Roof Slab (3000 Psi)	28	1	2023	6Diax12	---	14	28.28	41	3248	---	Engraved
2	Basement Roof Slab (3000 Psi)	28	1	2023	6Diax12	---	14	28.28	71	5624	---	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**