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.

7843
Dr. M. Yousaf

To: Mr. Pervez Akhtar
Principal, COE (Boys), Tandlianwala.

Project: Construction of Boundary Wall-Testing of Building Material.

Our Ref. No. CL/CED/ 5970-1 of 2 **Dated: 25-09-24** **Test Specification**

Your Ref. No. COEB/TW/ACCTS 851 **Dated: 06-09-24** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-09-24 **Tested on:** 25-09-24 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3480	30.42	108	7953	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3655	30.42	110	8100	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3590	30.42	104	7658	---	---
4	Rectangular, Red, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3680	30.42	116	8542	---	---
5	Rectangular, Red, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3525	30.42	121	8910	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3555	30.42	105	7732	---	---
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**

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ORIGINAL
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7843
Dr. M. Yousaf

To: Mr. Pervez Akhtar
Principal, COE (Boys), Tandlianwala.

Project: Construction of Boundary Wall-Testing of Building Material.

Our Ref. No. CL/CED/ 5970-2 of 2 **Dated: 25-09-24** **Test Specification**

Your Ref. No. COEB/TW/ACCTS 851 **Dated: 06-09-24** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 19-09-24 **Tested on:** 25-09-24 **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	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	62	3858	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	72	4480	---	Cut Cube
3	Kerb Stone	---	---	---	6 x 6 x 6	---	8.2	36	63	3920	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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7870
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Plinth Beams)

Our Ref. No. CL/CED/ 5971 **Dated:** 25-09-24

Your Ref. No. 138/11th **Dated:** 29/8/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-24 **Tested on:** 25-09-24 **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	3000 Psi (1:2:4)	28	7	2024	6x6x6	---	8.6	36	58	3609	---	Non Engraved
2	3000 Psi (1:2:4)	28	7	2024	6x6x6	---	8.8	36	68	4231	---	Non Engraved
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.

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ORIGINAL
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7870
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Beams & Slab)

Our Ref. No. CL/CED/ 5972 **Dated: 25-09-24**

Your Ref. No. 113/11th **Dated: 05-08-24**

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-24 **Tested on:** 25-09-24 **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 (1:2:4)	3	8	2024	6x6x6	---	9	36	52	3236	---	Non Engraved
2	Ground Floor (1:2:4)	3	8	2024	6x6x6	---	8.6	36	85	5289	---	Non Engraved
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)
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ORIGINAL
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7870
Dr. M. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 11, Lahore

Project: Establishment of Safe City Girls Hostel at Lahore (Pouring of Raft Foundation and Footing Beam)

Our Ref. No. CL/CED/ 5973 **Dated:** 25-09-24

Your Ref. No. 132/11th **Dated:** 24/8/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-24 **Tested on:** 25-09-24 **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	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	8	36	48	2987	---	Non Engraved
2	3000 Psi (1:2:4)	22	7	2024	6x6x6	---	8.2	36	72	4480	---	Non Engraved
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
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ORIGINAL
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7847
Dr. M. Mazhar

To: Project Manager
SUNSHINE HEALTHCARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Our Ref. No. CL/CED/ 5974 Dated: 25/9/2024

Your Ref. No. Nil Dated: 20/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/9/2024 Tested on: 25/9/2024 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	Cylinders Field Curing	16	8	2024	6Diax12	---	13	28.28	52	4119	---	Engraved
2	Cylinders Field Curing	16	8	2024	6Diax12	---	13.2	28.28	75	5941	---	Engraved
3	Cylinders Water Dipped	16	8	2024	6Diax12	---	13.4	28.28	68	5386	---	Engraved
4	Cylinders Water Dipped	16	8	2024	6Diax12	---	13.4	28.28	70	5545	---	Engraved
5	Cylinders Wall Water Dipped	22	8	2024	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
6	Cylinders Wall Water Dipped	22	8	2024	6Diax12	---	12.6	28.28	56	4436	---	Non Engraved
7	Cylinders Wall Field Curing	22	8	2024	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
8	Cylinders Wall Field Curing	22	8	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
9	Cylinders Column Water Dipped	11	9	2024	6Diax12	---	13.2	28.28	64	5069	---	Engraved
10	Cylinders Column Water Dipped	11	9	2024	6Diax12	---	14	28.28	70	5545	---	Engraved
11	Cylinders Column Field Curing	11	9	2024	6Diax12	---	13.8	28.28	54	4277	---	Engraved
12	Cylinders Column Field Curing	11	9	2024	6Diax12	---	14	28.28	60	4752	---	Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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7862
Dr. M. Yousaf

To: Mr. Tahawar Owais
Project Manager, DSG ENERGY

Project: Construction of Office Building at 29-M QIE, Lahore

Our Ref. No. CL/CED/ 5975 **Dated: 25/9/2024** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 24-09-24 **Tested on:** 25/9/2024 **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	---	13	9	2024	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
2	---	13	9	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	---	13	9	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	15	9	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
5	---	15	9	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
6	---	15	9	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
7		17	9	2024	6Diax12	---	13	28.28	40	3168	---	Non Engraved
8	---	17	9	2024	6Diax12	---	13.6	28.28	39	3089	---	Non Engraved
9	---	17	9	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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

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7861
Dr. M. Yousaf

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (LOWER BASEMENT SLAB - GROUP NO. 2)

Our Ref. No. CL/CED/ 5976 Dated: 25/9/2024

Your Ref. No. 340/ECSP/MPA/ME/92 Dated: 17/8/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24/9/2024 Tested on: 25/9/2024 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	K-Q/19-24	20	7	2024	6x6x6	---	8.2	36	87	5413	---	Engraved
2	K-Q/19-24	20	7	2024	6x6x6	---	8.4	36	85	5289	---	Engraved
3	K-Q/19-24	20	7	2024	6x6x6	---	8.2	36	96	5973	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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.

7866
Dr. M. Yousaf

To: Mr. M. Arslan Khaleel
Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore

Project: Nil

Our Ref. No. CL/CED/ 5977 Dated: 25/9/2024

Your Ref. No. Nil Dated: 20/9/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/9/2024 Tested on: 25/9/2024 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	5	9	2024	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
2	Columns	5	9	2024	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
3	Columns	7	9	2024	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
4	Columns	7	9	2024	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
5	Columns	8	9	2024	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
6	Columns	8	9	2024	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
7	Columns	10	9	2024	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
8	Columns	10	9	2024	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
9	Columns	11	9	2024	6Diax12	---	14	28.28	71	5624	---	Non Engraved
10	Columns	11	9	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
11	Columns	14	9	2024	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
12	Columns	14	9	2024	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
13	Shear Wall	16	9	2024	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
14	Shear Wall	16	9	2024	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
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 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**