



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.

6931
 Dr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.15, Lahore.

Project: Addition/Alteration to District Courts, Lahore (Construction of O.H.R)

Our Ref. No. CL/CED/ 4549

Dated: 28-03-24

Test Specification

Your Ref. No. No.419

Dated: 18-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Column (1:1.5:3)	15	2	2024	6x6x6	---	8.4	36	71	4418	---	Engraved
2	Column (1:1.5:3)	15	2	2024	6x6x6	---	8.6	36	59	3671	---	Engraved
3	Column (1:1.5:3)	15	2	2024	6x6x6	---	9.2	36	65	4044	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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6931
 Dr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.15, Lahore.

Project: Addition/Alteration to District Courts, Lahore(Construction of O.H.R)

Our Ref. No. CL/CED/ 4550

Dated: 28-03-24

Test Specification

Your Ref. No. No.417

Dated: 18-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 **Tested on:** 28-03-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Raft (1:2:4)	27	1	2024	6x6x6	---	9	36	95	5911	---	Engraved
2	Raft (1:2:4)	27	1	2024	6x6x6	---	9	36	86	5351	---	Engraved
3	Raft (1:2:4)	27	1	2024	6x6x6	---	8.8	36	99	6160	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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6931
Dr. Ubaid

To: Sub Divisional Officer
Buildings Sub Division No.15, Lahore.

Project: Construction of Masjid at District & Sessions Judge Block, New Judicial Complex Phase-I, Lahore.

Our Ref. No. CL/CED/ 4551

Dated: 28-03-24

Test Specification

Your Ref. No. No.415

Dated: 18-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Raft (1:1.5:3)	16	2	2024	6x6x6	---	8.8	36	80	4978	---	Engraved
2	Raft (1:1.5:3)	16	2	2024	6x6x6	---	8.6	36	75	4667	---	Engraved
3	Raft (1:1.5:3)	16	2	2024	6x6x6	---	8.8	36	84	5227	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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ORIGINAL
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6938
 Dr. Qasim

To: Mr. Tamoor UI Hassan
 Energy Solutions (Pvt.) Ltd.

Project: Construction of DG Foundation Pad MSC Zong (CM Pak)

Our Ref. No. CL/CED/ 4552

Dated: 28-03-24

Test Specification

Your Ref. No. Cube/MSCDG250224/02

Dated: 26-03-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	DG Fnd. Pad (MSC-DGFP)	25	2	2024	6x6x6	---	9	36	50	3111	---	Engraved
2	DG Fnd. Pad (MSC-DGFP)	25	2	2024	6x6x6	---	8.2	36	47	2924	---	Engraved
3	DG Fnd. Pad (MSC-DGFP)	25	2	2024	6x6x6	---	8.4	36	48	2987	---	Engraved
4	DG Fnd. Pad (MSC-DGFP)	25	2	2024	6x6x6	---	9	36	52	3236	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Usman Mustafa, CNIC # 36302-0449816-9

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

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ORIGINAL
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6936
Dr. Ubaid

To: Mr. M. Faisal Bhatti
Construction Manager, Ittefaq Building Solutions (Pvt.) Ltd.
Project: Construction of Mr. Imran Qamar Residence at Plot # 103, St. John's Park, Cantt. Lahore. (Imran Qamar House)
Our Ref. No. CL/CED/ 4553 Dated: 28-03-24
Your Ref. No. Nil Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Stair+Half Slab (3500 Psi)	9	3	2024	6x6x6	---	8.6	36	50	3111	---	Non Engraved
2	Stair+Half Slab (3500 Psi)	9	3	2024	6x6x6	---	8.4	36	45	2800	---	Non Engraved
3	Stair+Half Slab (3500 Psi)	9	3	2024	6x6x6	---	8.6	36	45	2800	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6936
Dr. Ubaid

To: Mr. M. Faisal Bhatti
Construction Manager, Ittefaq Building Solutions (Pvt.) Ltd.
Project: Construction of Mr. Imran Qamar Residence at Plot # 103, St. John's Park, Cantt. Lahore. (Imran Qamar House)
Our Ref. No. CL/CED/ 4554 Dated: 28-03-24
Your Ref. No. Nil Dated: Nil

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	First Floor Slab (3500 Psi)	18	3	2024	6x6x6	---	9	36	33	2053	---	Non Engraved
2	First Floor Slab (3500 Psi)	18	3	2024	6x6x6	---	8.6	36	34	2116	---	Non Engraved
3	First Floor Slab (3500 Psi)	18	3	2024	6x6x6	---	8.6	36	29	1804	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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6900
 Dr. Ubaid

To: Project Director-II,
 LDA, U.D. Wing, LDA.

Project: Construction of Orange Line Metro Train Project (Package-II) Chouburji to Ali Town-Reconstruction of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore.

Our Ref. No. CL/CED/ 4555

Dated: 28-03-24

Test Specification

Your Ref. No. PD-II/LDA/18

Dated: 11-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-03-24 **Tested on:** 28-03-24 **in dry/wet condition**



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	First Floor Slab (1:2:4)	5	2	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	First Floor Slab (1:2:4)	5	2	2024	6Diax12	---	14	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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6937
 Dr. Ubaid

To: Mr. Muhammad Usman
 Project Manager, M. Ahmad Associates.

Project: Construction of ABL Branch 5147 at P-463 Shadman Colony-1, Lahore.

Our Ref. No. CL/CED/ 4556

Dated: 28-03-24

Test Specification

Your Ref. No. Nil

Dated: 26-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-03-24 Tested on: 28-03-24 in dry/wet condition



Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RCC Footing (3000 Psi)	3	2	2024	6Diax12	---	15	28.28	51	4040	---	Engraved
2	RCC Footing (3000 Psi)	3	2	2024	6Diax12	---	13.6	28.28	40	3168	---	Engraved
3	RCC Footing (3000 Psi)	3	2	2024	6Diax12	---	13.6	28.28	55	4356	---	Engraved
4	RCC Retaining Wall (3000 Psi)	22	2	2024	6Diax12	---	16	28.28	37	2931	---	Non Engraved
5	RCC Retaining Wall (3000 Psi)	22	2	2024	6Diax12	---	14.2	28.28	37	2931	---	Non Engraved
6	RCC Retaining Wall (3000 Psi)	22	2	2024	6Diax12	---	14	28.28	33	2614	---	Non Engraved
7	RCC Column (4000 Psi)	10	2	2024	6Diax12	---	16	28.28	80	6337	---	Engraved
8	RCC Column (4000 Psi)	10	2	2024	6Diax12	---	14	28.28	71	5624	---	Engraved
9	RCC Column (4000 Psi)	10	2	2024	6Diax12	---	14	28.28	61	4832	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory