



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.

6844
 Dr. Ubaid

To: Mr. Yousaf Zaman
 Project Manager, Osmani & Company (Pvt.) Ltd.
 Project: Engineering Design and Construction of Supervision for Punjab Rural Sustainable Water Supply and Sanitation Project (PRSWSSP) Cluster Central II, Pakpattan.
 Our Ref. No. CL/CED/ 4447 Dated: 14-03-24
 Your Ref. No. PM/OCL/PRSWSSP/EDCS/Pkg-05/2024/20 Dated: 28-02-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-24 Tested on: 14-03-24 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	---	30	1	2024	6Diax12	---	13	28.28	81	6416	---	Non Engraved
2	---	30	1	2024	6Diax12	---	13	28.28	86	6812	---	Non Engraved
3	---	30	1	2024	6Diax12	---	13	28.28	47	3723	---	Non Engraved
4	---	29	1	2024	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
5	---	29	1	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
6	---	29	1	2024	6Diax12	---	13	28.28	85	6733	---	Non Engraved
7	---	29	1	2024	6Diax12	---	13.8	28.28	114	9030	---	Non Engraved
8	---	29	1	2024	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
9	---	29	1	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6849
 Dr. Ubaid

To: Professional Construction Services (Pvt.) Ltd.
 301-A, Block-R, Johar Town, Lahore.

Project: Construction of TCF Secondary School Chak # 263, Burewala.

Our Ref. No. CL/CED/ 4448

Dated: 14-03-24

Test Specification

Your Ref. No. PCS/23/Eng/147

Dated: 11-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-24 **Tested on:** 14-03-24 **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	6	2	2024	6Diax12	---	12.4	28.28	43	3406	---	Non Engraved
2	First Floor Slab	6	2	2024	6Diax12	---	12.2	28.28	33	2614	---	Non 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-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

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Director/Dy. Director Concrete Laboratory



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 301-A, Block-R, Johar Town, Lahore.

Project: Construction of TCF Secondary School Chak # 263, Burewala.

Our Ref. No. CL/CED/ 4449

Dated: 14-03-24

Test Specification

Your Ref. No. PCS/23/Eng/147

Dated: 11-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-24 **Tested on:** 14-03-24 **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	Ground Floor Slab	4	1	2024	6Diax12	---	12.2	28.28	43	3406	---	Non Engraved
2	Ground Floor Slab	4	1	2024	6Diax12	---	12.6	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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6843
Dr. Ubaid

To: Mr. Omair Sadiq
Project Manager, One Liberty Mall and H&S Hotel
Project: Construction of RCC Walls, Stair Cases and Slab of One Liberty Mall and H&S Hotel, Noor Jehan Road, Gulberg III, Lahore.
Our Ref. No. CL/CED/ 4450 Dated: 14-03-24
Your Ref. No. OL/OS/2024/04 Dated: 11-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-24 Tested on: 14-03-24 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	LW Basement I-LGF	14	1	2024	6Diax12	---	14	28.28	115	9109	---	Non Engraved
2	Staircase II, 13-14th Floor	14	1	2024	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
3	Elevation Beam, LS at Rooftop	15	1	2024	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
4	LW, LGF to GF (Part I)	28	1	2024	6Diax12	---	13.2	28.28	126	9980	---	Non Engraved
5	RCC Walls, 17th-Rooftop	29	1	2024	6Diax12	---	13.8	28.28	108	8554	---	Non Engraved
6	LW,LGF TO GF (Part II)	3	2	2024	6Diax12	---	13.2	28.28	133	10535	---	Non Engraved
7	LW(RT to Slab of Machine Room)	10	2	2024	6Diax12	---	13.2	28.28	110	8713	---	Non Engraved
8	Staircase II,14-15th Floor	10	2	2024	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Yasir Iqbal, CNIC # 35201-4432046-5

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6848
Dr. Ubaid

To: Mr. M. Faisal Bhatti
Construction Manager, Ittefaq Building Solutions (Pvt.) Ltd.
Project: Construction of Mr. Chughtai House Residence at Plot No. 74 Muneer Road Cantt. Lahore. (Omar House)
Our Ref. No. CL/CED/ 4451 Dated: 14-03-24
Your Ref. No. Nil Dated: 11-03-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-24 Tested on: 14-03-24 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	Swimming Pool (4000 Psi)	11	2	2024	6Diax12	---	13	28.28	57	4515	---	Non Engraved
2	Swimming Pool (4000 Psi)	11	2	2024	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
3	Swimming Pool (4000 Psi)	11	2	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6859
 Dr. Umbreen

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4452

Dated: 14-03-24

Test Specification

Your Ref. No. VA/29/146

Dated: 12-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 14-03-24 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	7th Floor Slab Pour-1	30	1	2024	6Diax12	---	14.8	28.28	82	6495	---	Non Engraved
2	7th Floor Slab Pour-1	30	1	2024	6Diax12	---	14	28.28	95	7525	---	Non Engraved
3	7th Floor Slab Pour-1	30	1	2024	6Diax12	---	14.8	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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ORIGINAL
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6859
Dr. Umbreen

To: Mr. Waqas Ali
Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4453

Dated: 14-03-24

Test Specification

Your Ref. No. VA/29/148

Dated: 12-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-03-24 Tested on: 14-03-24 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	7th Floor Slab Pour-3	9	2	2024	6Diax12	---	14.2	28.28	69	5465	---	Non Engraved
2	7th Floor Slab Pour-3	9	2	2024	6Diax12	---	13.2	28.28	84	6653	---	Non Engraved
3	7th Floor Slab Pour-3	9	2	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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To: Mr. Waqas Ali
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Project: Nil

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Dated: 14-03-24

Test Specification

Your Ref. No. VA/29/147

Dated: 12-03-24

(ASTM C39)

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		DD	MM	YYYY								
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2	7th Floor Slab Pour-2	5	2	2024	6Diax12	---	14.2	28.28	78	6178	---	Non Engraved
3	7th Floor Slab Pour-2	5	2	2024	6Diax12	---	13.2	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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



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.

6819
 Dr. Umbreen

To: Mr. Waqas Ali
 Variant, 25-t, Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4455

Dated: 14-03-24

Test Specification

Your Ref. No. VA/29/145

Dated: 04-03-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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	7th Floor Columns	24	1	2024	6Diax12	---	14	28.28	101	8000	---	Non Engraved
2	7th Floor Columns	24	1	2024	6Diax12	---	14.2	28.28	95	7525	---	Non Engraved
3	7th Floor Columns	24	1	2024	6Diax12	---	14	28.28	105	8317	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC # 35201-9967694-3

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