



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.

6209
 Dr. Ubaid

To: Mr. Muhammad Imran Khan
 Material Engineer, ECSP (Pvt.) Ltd. Pipal House A-Block

Project: Reconstruction of Pipal House A-Block, Lahore. (Driver's Toilet Block)

Our Ref. No. CL/CED/ 3448

Dated: 14-11-23

Test Specification

Your Ref. No. 343/ECSP/PH/ME/40

Dated: 06-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07-11-23 Tested on: 14-11-23 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	1st Floor Slab	28	9	2023	6Diax12	---	14	28.28	36	2851	---	Non Engraved
2	1st Floor Slab	28	9	2023	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
3	1st Floor Slab	28	9	2023	6Diax12	---	14	28.28	50	3960	---	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-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
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ORIGINAL
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6209
 Dr. Ubaid

To: Mr. Muhammad Imran Khan
 Material Engineer, ECSP (Pvt.) Ltd. Pipal House A-Block

Project: Reconstruction of Pipal House A-Block, Lahore. (Driver's Toilet Block)

Our Ref. No. CL/CED/ 3449

Dated: 14-11-23

Test Specification

Your Ref. No. 343/ECSP/PH/ME/39

Dated: 06-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07-11-23 **Tested on:** 14-11-23 **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	G.F Slab	8	9	2023	6Diax12	---	14.4	28.28	56	4436	---	Engraved
2	G.F Slab	8	9	2023	6Diax12	---	14	28.28	51	4040	---	Engraved
3	G.F Slab	8	9	2023	6Diax12	---	14.2	28.28	46	3644	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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6210
 Dr. Ubaid

To: Engr. M. Abrar Ahmad
 M.Sc Structural Engineer, Abrar Ahmad Associates

Project: 49-Ghaznavi Comm. Bahria Town, Lahore.

Our Ref. No. CL/CED/ 3450

Dated: 14-11-23

Test Specification

Your Ref. No. Ref # 01

Dated: 07-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07-11-23 **Tested on:** 14-11-23 **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 Footing	25	10	2023	6Diax12	---	14	28.28	26	2059	---	Engraved
2	Raft Footing	25	10	2023	6Diax12	---	14	28.28	30	2376	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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6181
 Dr. Ubaid

To: Engr. Hamza
 Site Engineer, Architects In Design

Project: Commercial Building at Plot No.6C and 7Q Block Q Gulberg-II, Lahore. (Total No. of Floors = 14, Height of the Building = +190)

Our Ref. No. CL/CED/ 3451

Dated: 14-11-23

Test Specification

Your Ref. No. Nil

Dated: 02-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-11-23 Tested on: 14-11-23 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	---	4	10	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
2	---	4	10	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	---	4	10	2023	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6223

Dr. Ubaid

To: PRO-CON
New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 3452

Dated: 14-11-23

Test Specification

Your Ref. No. Nil

Dated: 13-10-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-11-23 Tested on: 14-11-23 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	(3000 Psi)	13	10	2023	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
2	(3000 Psi)	13	10	2023	6Diax12	---	14	28.28	38	3010	---	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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL

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6226

Dr. Ubaid

To: For S & S Associates
Ayoub Chowk, Johar Town, Lahore.

Project: Shifting of Pre Fabricated Structure Situated at Nishat Chunian, Unit-6, Bhai Pheru.

Our Ref. No. CL/CED/ 3453

Dated: 14-11-23

Test Specification

Your Ref. No. SS/TST/0011

Dated: 13-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13-11-23 Tested on: 14-11-23 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	(1:2:4)	19	10	2023	6x6x6	---	9	36	89	5538	---	Engraved
2	(1:2:4)	19	10	2023	6x6x6	---	9	36	70	4356	---	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/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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6225
Dr. Ubaid

To: Mr. Muhammad Tufail
Resident Engineer, Package-I (PCP) Daska.

Project: 16 Cities Project Punjab. (MM Pakistan Pvt. Ltd.)

Our Ref. No. CL/CED/ 3454

Dated: 14-11-23

Test Specification

Your Ref. No. DSK/CON/1094/SW/127/2023

Dated: 07-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13-11-23 Tested on: 14-11-23 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	(1:1.5:3)	12	10	2023	6x6x6	---	8.6	36	39	2427	---	Engraved
2	(1:1.5:3)	12	10	2023	6x6x6	---	9	36	58	3609	---	Engraved
3	(1:1.5:3)	12	10	2023	6x6x6	---	8.6	36	80	4978	---	Engraved
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/>

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- ** 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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Director/Dy. Director Concrete Laboratory



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6225

Dr. Ubaid

To: Mr. Muhammad Tufail
Resident Engineer, Package-I (PCP) Daska.

Project: 16 Cities Project Punjab. (MM Pakistan Pvt. Ltd.)

Our Ref. No. CL/CED/ 3455

Dated: 14-11-23

Test Specification

Your Ref. No. DSK/CON/1094/SW/128/2023

Dated: 07-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 13-11-23 Tested on: 14-11-23 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	(1:1.5:3)	31	10	2023	6x6x6	---	9.4	36	61	3796	---	Non Engraved
2	(1:1.5:3)	31	10	2023	6x6x6	---	10	36	60	3733	---	Engraved
3	(1:1.5:3)	31	10	2023	6x6x6	---	9.4	36	65	4044	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- * 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