



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.

6377

Dr. Umbreen

To: Engr. Faisal Farooq
Project Coordinator, Poly Pack Films (Pvt) Ltd.

Project: Testing of Concrete Cylinders at Poly Pack Films (Pvt) Limited Quaid e Azam Business Park Sheikhpura.

Our Ref. No. CL/CED/ 3783

Dated: 22/12/2023

Test Specification

Your Ref. No. PPF/2023/12/13

Dated: 13/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/12/2023 Tested on: 22/12/2023 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	4000 Psi	24	10	2023	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	4000 Psi	24	10	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	4000 Psi	24	10	2023	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
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Witnessed by:

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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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.

6406
 Dr. Umbreen

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, Lahore

Project: 5th Floor Slab Pour-1

Our Ref. No. CL/CED/ 3784

Your Ref. No. VA/29/130

Dated: 22/12/2023

Dated: 18/12/2023

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/12/2023 Tested on: 22/12/2023 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	Grid location (E to G, 1 to 5)	13	11	2023	6Diax12	---	15	28.28	70	5545	---	Non Engraved
2	Grid location (E to G, 1 to 5)	13	11	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	Grid location (E to G, 1 to 5)	13	11	2023	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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6380
Dr. Umbreen

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: 5th Floor Column (CI-1, CI-2, CI-3, CI-4, CI-5, CI-6, SH-1, SH-4, SH-5)

Our Ref. No. CL/CED/ 3785

Dated: 22/12/2023

Test Specification

Your Ref. No. VA/29/129

Dated: 13-12-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/12/2023 Tested on: 22/12/2023 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	6	11	2023	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
2	Column	6	11	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Column	6	11	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali; CNIC 35201-9967694-3

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- * as engraved on the specimens (if any)
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ORIGINAL

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6413
Dr. Umbreen

To: Mr. Muhammad Zeshan Akhtar
Project Engineer, Progressive Heights 33J3, Johar Town Lahore

Project: Concrete Testiing at Progressive Heights, 33 J3, Johar Town, Lahore

Our Ref. No. CL/CED/ 3786

Dated: 22/12/2023

Test Specification

Your Ref. No. ProgressiveHeights/misc/001

Dated: 15/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19/12/2023 Tested on: 22/12/2023 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Raft	20	11	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
2	Raft	20	11	2023	6Diax12	---	14.6	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL

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6426
Dr. Umbreen

To: Mr. Muhammad Ehtesham Uddin
Project Manager, Kinetic

Project: Concrete Cylinders need to test Slab Strength of Building under construction at Ferozpur Road Lahore

Our Ref. No. CL/CED/ 3787

Dated: 22/12/2023

Test Specification

Your Ref. No. Nil

Dated: 19/12/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2023 Tested on: 22/12/2023 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	---	18	11	2023	6Diax12	---	12.8	28.28	40	3168	---	Non Engraved
2	---	18	11	2023	6Diax12	---	12.4	28.28	44	3485	---	Non Engraved
3	---	18	11	2023	6Diax12	---	12.4	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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6433
 Dr. Umbreen

To: Mr. Shahbaz Arshad
 Managing Director, Asim Builders

Project: Construction of 08 Nos. "C" Type Quarters at Sapphire Fibres Limited No. 1

Our Ref. No. CL/CED/ 3788

Dated: 22/12/2023

Test Specification

Your Ref. No. Nil

Dated: 21/12/2023

(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	---	22	11	2023	6Diax12	---	13	28.28	78	6178	---	Non Engraved
2	---	22	11	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	---	22	11	2023	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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6401
Dr. Umbreen

To: Hussain construction Company, Residential & Commercial Builders
DHA Phase-8, Broadway, Lahore.

Project: Construction of Allied School Slab of Second Floor at CMH Medical and Dental College Lahore

Our Ref. No. CL/CED/ 3789

Dated: 22/12/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

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		DD	MM	YYYY								
1	4000 Psi (1:1.5:3)	15	11	2023	6Diax12	---	14	28.28	58	4594	---	Engraved
2	4000 Psi (1:1.5:3)	15	11	2023	6Diax12	---	13.4	28.28	46	3644	---	Engraved
3	4000 Psi (1:1.5:3)	15	11	2023	6Diax12	---	13.8	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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6401
Dr. Umbreen

To: Hussain Construction Company, Residential & Commercial Builders
DHA Phase-8, Broadway, Lahore.

Project: Construction of Allied School Slab of First Floor at CMH Medical and Dental College Lahore

Our Ref. No. CL/CED/ 3790

Dated: 22/12/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

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		DD	MM	YYYY								
1	3000 Psi (1:2:4)	4	11	2023	6Diax12	---	13	28.28	54	4277	---	Engraved
2	3000 Psi (1:2:4)	4	11	2023	6Diax12	---	13.2	28.28	46	3644	---	Engraved
3	3000 Psi (1:2:4)	4	11	2023	6Diax12	---	14	28.28	46	3644	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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.

6416
 Dr. Umbreen

To: RAMIZ ABDUL
 Manager Contracts, NESCO Construction & Services Pvt Ltd

Project: Renovation of National High Performance Center Lahore

Our Ref. No. CL/CED/ 3791

Dated: 22/12/2023

Test Specification

Your Ref. No. NCS/PCB/INFRA/23/003

Dated: 19/12/2023

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 20/12/2023 Tested on: 22/12/2023 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	*M*	---	---	---	8.7 x 4.3 x 3	---	3310	37.41	44	2635	---	---
2	*M*	---	---	---	8.8 x 4.3 x 3	---	3190	37.84	46	2723	---	---
3	*M*	---	---	---	8.8 x 4.3 x 3	---	3180	37.84	46	2723	---	---
4	*M*	---	---	---	8.8 x 4.3 x 3	---	3145	37.84	34	2013	---	---
5	*M*	---	---	---	8.8 x 4.3 x 3	---	3175	37.84	44	2605	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

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