



**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.

2958  
 Dr. Qasim Khan

To: **Mohammad Arsalan Khan**  
 Project Coordinator, AHW Management Consultants Private Limited.

Project: Nil

Our Ref. No. CL/CED/ 8348

Dated: 18/3/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 17/03/2022 Tested on: 18/3/2022 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	---	8	3	2022	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
2	---	8	3	2022	6Diax12	---	12.8	28.28	57	4515	---	Non Engraved
3	---	8	3	2022	6Diax12	---	12.4	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
- \*\*\*\* 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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2926  
 Dr. Aqsa

**To:** (Sh. Muhammad Tariq), Engineer REC.  
 The Help Care Society (TAC). (Contractor; M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

**Project:** Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

**Our Ref. No.** CL/CED/ 8349

**Dated:** 18/3/2022

**Test Specification**

**Your Ref. No.** JTC EXT-9

**Dated:** 10-03-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 11/03/2022 **Tested on:** 15/3/2022 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	---	10	2	2022	6Diax12	---	13	28.28	54	4277	---	Non Engraved	
2	---	10	2	2022	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved	
3	---	10	2	2022	6Diax12	---	13	28.28	65	5149	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

**Witnessed by:**

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
- \*\*\*\* 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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2932  
 Dr. Aqsa

To: Project Manager  
 Q-Links Property Management Pvt. Ltd

Project: Construction of Orchard Mall, Bahria Orchard Lahore

Our Ref. No. CL/CED/ 8350

Dated: 18-03-22

Test Specification

Your Ref. No. QLC-BO-BH2-2022-03-LTR-010

Dated: 11-03-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **14-03-22** Tested on: **15-03-22** 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 # (7-8) E 5500 Psi	8	2	2022	6Diax12	---	13.2	28.28	48	3802	---	Engraved
2	Grid # 11 (A-E) 5500 Psi	9	2	2022	6Diax12	---	13.4	28.28	59	4673	---	Engraved
3	Grid # 7-8 (A-D) 3000 Psi	9	2	2022	6Diax12	---	13	28.28	38	3010	---	Engraved
4	Grid # 7-8 (A-D) 3000 Psi	9	2	2022	6Diax12	---	13.2	28.28	47	3723	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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2935  
 Dr. M. Yousaf

To: Engr. Abdul Qadeer Khan  
 LANDMARK CONSULTANTS Gulberg-II Lahore.

Project: Parkview Apartments

Our Ref. No. CL/CED/ 8351

Dated: 18-03-22

Test Specification

Your Ref. No. CIV/172/04032022

Dated: 14-03-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-03-22 Tested on: 15-03-22 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	3	2022	6Diax12	---	14	28.28	70	5545	---	Engraved
2	---	4	3	2022	6Diax12	---	14	28.28	50	3960	---	Engraved
3	---	4	3	2022	6Diax12	---	14	28.28	58	4594	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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**ORIGINAL**  
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2937  
 Dr. Yousaf

**To:** Muneeb Shahzad Butt (Project Manager)  
 Alpha Home Apartment (Block-C) BPS (Pvt.) Ltd Jati Umra Road Off Raiwind Road Lahore  
 Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore  
 Our Ref. No. CL/CED/ 8352      Dated: 18-03-22  
 Your Ref. No. AHA-UET-REC:44      Dated: 01-03-22

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **15-03-22** Tested on: **18-03-22** 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	Level "+29" Part 2 Grid 38-40/A-D	31	1	2022	6Diax12	---	13	28.28	38	3010	---	Non Engraved
2	Level "+29" Part 2 Grid 38-40/A-D	31	1	2022	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
3	Level "+29" Part 2 Grid 38-40/A-D	31	1	2022	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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2937  
 Dr. Yousaf

**To:** Muneeb Shahzad Butt (Project Manager)  
 Alpha Home Apartment (Block-C) BPS (Pvt.) Ltd Jati Umra Road Off Raiwind Road Lahore  
 Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore  
 Our Ref. No. CL/CED/ 8353      Dated: 18-03-22  
 Your Ref. No. AHA-UET-REC:38      Dated: 06-02-22

**Test Specification**  
 ( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **15-03-22** Tested on: **18-03-22** 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	Col.Grid 37/C-D, Grid 42-43/B-C	10	1	2022	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	Col.Grid 37/C-D, Grid 42-43/B-C	10	1	2022	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
3	Col.Grid 37/C-D, Grid 42-43/B-C	10	1	2022	6Diax12	---	13.2	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**To:** Muneeb Shahzad Butt (Project Manager)  
 Alpha Home Apartment (Block-C) BPS (Pvt.) Ltd Jati Umra Road Off Raiwind Road Lahore  
 Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore  
 Our Ref. No. CL/CED/ 8354      Dated: 18-03-22  
 Your Ref. No. AHA-UET-REC:49      Dated: 12-03-22

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **15-03-22** Tested on: **18-03-22** 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	Shear wall Grid 35/C-D. Parapit	11	2	2022	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
2	Shear wall Grid 35/C-D. Parapit	11	2	2022	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	Shear wall Grid 35/C-D. Parapit	11	2	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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2939  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Public Health Engineering Sub Division Noor Pur Thal

**Project:** Provision of Filtration Plant, Water Supply, Drainage Sewerage, PCC Slab, Road UC Rangpur  
 District Khushab (NA-94). (Government Contractor; M/S Muhammad Zuhair Gul).

Our Ref. No. CL/CED/ 8355

Dated: 18/3/2022

Test Specification

Your Ref. No. 136/N.P.T

Dated: 04-02-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 15/03/2022 Tested on: 17/3/2022 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	PCC (1:2:4)	6	1	2022	6x6x6	---	8.2	36	44	2738	---	Non Engraved	
2	PCC (1:2:4)	6	1	2022	6x6x6	---	8.2	36	37	2302	---	Non Engraved	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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
- \*\*\*\* 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.

2940  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Public Health Engineering Sub Division Khushab

**Project:** Provision of Water Supply / Hand Pump / Drainage / PCC Slab/ Jnazgah UC Kufri. (Govt. Contractor; M/S Mateen Sultan)

**Our Ref. No.** CL/CED/ 8356

**Dated:** 18/3/2022

**Test Specification**

**Your Ref. No.** 77/KHB

**Dated:** 04-03-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **15/03/2022** Tested on: **17/3/2022** 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	PCC (1:2:4)	2	2	2022	6x6x6	---	8	36	33	2053	---	Non Engraved	
2	PCC (1:2:4)	2	2	2022	6x6x6	---	8.2	36	45	2800	---	Non Engraved	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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
- \*\*\*\* 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.

2944  
 Dr. Mazhar

**To:** Engr. Zaheer ud Din Babar, Deputy General Manager Projects  
 For Habib Raiq Engineering (Pvt) Ltd.

**Project:** Construction of Sky Gardens Tower, Lahore.

**Our Ref. No.** CL/CED/ 8357

**Dated:** 18/3/2022

**Test Specification**

**Your Ref. No.** HRLE/SKG/2022/014

**Dated:** 15/3/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 15/03/2022 **Tested on:** 16/3/2022 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	16	2	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	4000 Psi	16	2	2022	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	4000 Psi	16	2	2022	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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
- \*\*\*\* 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.

2946  
 Engr. Ubaid

To: Muhammad Amir  
 Bridgeway Developers

Project: Construction of Pearl One Residencies by Bridgeway Developers.

Our Ref. No. CL/CED/ 8358

Dated: 18/3/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 15/03/2022 Tested on: 17/3/2022 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	4	3	2022	6Diax12	---	14.2	28.28	49	3881	---	Non Engraved
2	4000 Psi	4	3	2022	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
3	4000 Psi	4	3	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
- \*\*\*\* 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.

2948  
 Dr. Yousaf

To: Lt Col (R) Ubaid ur Rehman  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 8359

Dated: 18/3/2022

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/578

Dated: 15/03/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16/03/2022** Tested on: **18/3/2022** 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	8 to 9 Floor part-3 (1620)	10	2	2022	6Diax12	---	12.4	28.28	60	4752	---	Non Engraved
2	8 to 9 Floor part-3 (1622)	10	2	2022	6Diax12	---	12.4	28.28	23	1822	---	Non Engraved
3	8 to 9 Floor part-3 (1625)	10	2	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
- \*\*\*\* 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.

2948  
 Dr. Yousaf

To: Lt Col (R) Ubaid ur Rehman  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 8360

Dated: 18/3/2022

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/579

Dated: 15/03/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16/03/2022 Tested on: 18/3/2022 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	9th Floor Slab part-1 (1629)	18	2	2022	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	9th Floor Slab part-1 (1634)	18	2	2022	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	9th Floor Slab part-1 (1638)	18	2	2022	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
- \*\*\*\* 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.

2948  
 Dr. Yousaf

To: Lt Col (R) Ubaid ur Rehman  
 SPM (JV) PEC Bldg Proj

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 8361

Dated: 18/3/2022

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/580

Dated: 15/03/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **16/03/2022** Tested on: **18/3/2022** 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	6th F. projection wall part-2 (1640)	19	2	2022	6Diax12	---	12.8	28.28	45	3564	---	Non Engraved	
2	6th F. projection wall part-2 (1644)	19	2	2022	6Diax12	---	12.2	28.28	64	5069	---	Non Engraved	
3	6th F. projection wall part-2 (1648)	19	2	2022	6Diax12	---	13	28.28	41	3248	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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
- \*\*\*\* 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.

2950  
 Dr. Yousaf

To: Project Manager  
 Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town Lahore

Our Ref. No. CL/CED/ 8362

Dated: 18/3/2022

Test Specification

Your Ref. No. QLC-BO-BH2-2022-03-LTR-011

Dated: 15/03/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 17/03/2022 Tested on: 18/3/2022 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 # 12 (AC, C, E) 5500 Psi	12	2	2022	6Diax12	---	13.2	28.28	50	3960	---	Engraved
2	Grid # 1-4 (D-E) 3000 Psi	12	2	2022	6Diax12	---	13	28.28	35	2772	---	Engraved
3	Grid # 1-4 (D-E) 3000 Psi	12	2	2022	6Diax12	---	13	28.28	33	2614	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
- \*\*\*\* 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.

2952  
 Dr. Yousaf

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

Project: Construction of MPA's Hostel Lahore, Phase-II. (Group No.1). (Ramp from Upper Basement to Ground Floor).

Our Ref. No. CL/CED/ 8363

Dated: 18/3/2022

Test Specification

Your Ref. No. 340/ECSP/MPA/ME/21

Dated: 14-03-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17/03/2022** Tested on: **18/3/2022** 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	---	14	2	2022	6x6x6	---	8	36	52	3236	---	Engraved
2	---	14	2	2022	6x6x6	---	8.4	36	57	3547	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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/>

- \* 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.

2860  
 Dr. Mazhar

**To:** Muhammad Waheed Arshad (Assistant Resident Engineer)  
 E&PHE Div., Nespak (Pvt.) Ltd. Lahore

**Project:** Storm W.D. System from Haji Camp to River Ravi via Lakshmi Chowk, Mcleod Road, Nabha Road, Chuburji and Sham Nagar, Lahore. Storm Water Drainage System from Sham Nagar to River Ravi (Pkg-II)  
 Our Ref. No. CL/CED/ 8364      Dated: 18-03-22

Your Ref. No. 3882/11/MWA/SO-01/280

Dated: 17-02-22

**Test Specification**  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **01-03-22** Tested on: **16-03-22** 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	7MB	---	---	---	8.7 x 4.3 x 2.9	3635	3290	37.41	51	3054	10.49	---
2	7MB	---	---	---	8.7 x 4.3 x 2.9	3575	3280	37.41	67	4012	8.99	---
3	7MB	---	---	---	8.5 x 4.2 x 2.8	3520	3200	35.7	47	2949	10	---
4	7MB	---	---	---	8.5 x 4.2 x 2.9	3515	3170	35.7	47	2949	10.88	---
5	7MB	---	---	---	8.6 x 4.2 x 2.8	3435	3120	36.12	53	3287	10.1	---
6	7MB	---	---	---	8.8 x 4.3 x 2.9	3440	3100	37.84	41	2427	10.97	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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
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**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)

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**ORIGINAL**  
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2877  
 Dr. Yousaf

To: (Ishtiaq Ahmad)  
 Resident Engineer, NESPAK (Pvt) Ltd. 402/F, Shah Ruken-e-Alam Colony, Multan.

Project: Disposal Sewerage Line Ansari Chowk (Manzoor Ababd, Shareefpura, Kachi Sarai), District Multan ADP No. 6451). (Govt. Contractor; M/S SR Builders).

Our Ref. No. CL/CED/ 8365

Dated: 18/3/2022

Test Specification

Your Ref. No. 40247/01/IA/01/09

Dated: 07-02-22

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-03-22 Tested on: 18/3/2022 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	11	---	---	---	8.6 x 4.2 x 2.8	3045	2705	36.12	35	2171	12.57	---
2	11	---	---	---	8.5 x 4.2 x 2.8	3120	2695	35.7	40	2510	15.77	---
3	11	---	---	---	8.6 x 4.2 x 2.8	3020	2590	36.12	35	2171	16.6	---
4	11	---	---	---	8.8 x 4.3 x 2.9	3430	2880	37.84	23	1362	19.1	---
5	1	---	---	---	8.6 x 4.1 x 2.9	3240	2785	35.26	37	2351	16.34	---
6	1	---	---	---	8.7 x 4.1 x 2.8	3145	2730	35.67	43	2700	15.2	---
7	1	---	---	---	8.7 x 4.2 x 2.9	3190	2810	36.54	40	2452	13.52	---
8	1	---	---	---	8.6 x 4.1 x 2.8	3075	2780	35.26	38	2414	10.61	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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