



**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.

8139  
 Dr. Qasim Khan

To: Ahmad Associates  
 New Garden Town, Lahore.

Project: 18km Descon Lahore - Kasur Sufiabad Lahore.

Our Ref. No. CL/CED/ 6314

Dated: 31/10/2024

Test Specification

Your Ref. No. IAA-131275

Dated: 31/10/2024

(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	3000 Psi	4	10	2024	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
2	3000 Psi	4	10	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	3000 Psi	4	10	2024	6Diax12	---	13	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Hafiz Iftikhar Ahmed, CNIC 35301-9526597-9

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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8127  
 Engr. A. Rehman

To: Mr. Muhammad Farhad  
 XEN, Garrison Engr (A) Svcs LRC

Project: Construction of U/G Water Tank (1 Lac Gallon) at Bashir Line and MML at Lahore Cantt

Our Ref. No. CL/CED/ 6315

Dated: 31/10/2024

Test Specification

Your Ref. No. 6001-A-94/11/E-6

Dated: 29/10/2024

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 30/10/2024 Tested on: 31/10/2024 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 (4000 Psi)	22	10	2024	6Diax12	---	14	28.28	20	1584	---	Non Engraved
2	RCC (4000 Psi)	22	10	2024	6Diax12	---	13.8	28.28	29	2297	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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  
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**ORIGINAL**  
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8110  
 Engr. A. Rehman

To: Mr. Muhammad Arif  
 Contract Manager, For Thaheem Construction Company  
 Project: CUTTING UNIT EXT WITH FIRST, MEZZANINE AND SECOND FLOOR AT SAPPHIRE STITCHING (UNIT-8), LAHORE.  
 Our Ref. No. CL/CED/ 6316 Dated: 31/10/2024 Test Specification  
 Your Ref. No. TCC/UET/716 Dated: 28/10/2024 (BS 1881-116)

### COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2024 Tested on: 31/10/2024 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 (3000 Psi)	25	9	2024	6x6x6	---	8	36	73	4542	---	Non Engraved
2	First Floor Slab (3000 Psi)	25	9	2024	6x6x6	---	9.4	36	73	4542	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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- \*\*\*\* 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)
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8110  
 Engr. A. Rehman

**To: Mr. Muhammad Arif**  
 Contract Manager, For Thaheem Construction Company  
 Project: CUTTING UNIT EXT WITH FIRST, MEZZANINE AND SECOND FLOOR AT SAPPHIRE STITCHING (UNIT-8), LAHORE  
 Our Ref. No. CL/CED/ 6317      Dated: 31/10/2024      Test Specification  
 Your Ref. No. TCC/UET/717      Dated: 28/10/2024      ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 29/10/2024 Tested on: 31/10/2024 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	Second Floor Slab (3000 Psi)	18	10	2024	6x6x6	---	8.2	36	50	3111	---	Non Engraved
2	Second Floor Slab (3000 Psi)	18	10	2024	6x6x6	---	8	36	48	2987	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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8043  
 Engr. A. Rehman

To: Mr. Mirza Muhammad Abdullah  
 Senior Resident Engineer, HA CONSULTING, Johar Town, Lahore

Project: Construction of NASTP DELTA PHASE-03 at PAF AIR BASE, Lahore.

Our Ref. No. CL/CED/ 6318

Dated: 31/10/2024

Test Specification

Your Ref. No. 24/HAC/NASTP/1303

Dated: 17/10/2024

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## COMPRESSION TEST REPORT



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

Specimens received on: 21/10/2024 Tested on: 31/10/2024 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	ZB	---	---	---	8.6 x 4.2 x 3	---	3385	36.12	34	2109	---	---
2	ZB	---	---	---	8.7 x 4.3 x 3	---	3445	37.41	40	2395	---	---
3	P	---	---	---	8.3 x 4 x 2.9	---	3270	33.2	43	2901	---	---
4	P	---	---	---	8.3 x 4 x 2.9	---	3220	33.2	42	2834	---	---
5	PK	---	---	---	8.8 x 4.3 x 3	---	3630	37.84	38	2249	---	---
6	PK	---	---	---	8.8 x 4.2 x 3	---	3635	36.96	41	2485	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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8090  
 Engr. A. Rehman

To: Sub Divisional Officer  
 Building Sub Division CBDC, Lahore

Project: Construction of Residential Colony at Batapur RD. 334+000 on BRBD Link Canal and Improvement of Facilities at Canal Colony Thoker NIAZBEG Lahore

Our Ref. No. CL/CED/ 6319

Dated: 31/10/2024

Test Specification

Your Ref. No. 597/17.A

Dated: 23/10/2024

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## COMPRESSION TEST REPORT



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

Specimens received on: 25/10/2024 Tested on: 31/10/2024 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	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	3100	2515	---	---	---	23.26	---
2	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	3260	2645	---	---	---	23.25	---
3	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	3100	2530	---	---	---	22.53	---
4	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	3160	2565	---	---	---	23.2	---
5	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.7	---	2615	35.26	43	2732	---	---
6	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	---	2640	35.7	29	1820	---	---
7	Machine Made Double Line	---	---	---	8.5 x 4.1 x 2.5	---	2590	34.85	28	1800	---	---
8	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.6	---	2525	35.7	28	1757	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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