



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.

305
 Dr. Umbreen

To: **IBNA AL AZIZ**
 DHA Phase VI, Karachi.

Project: Sapphire Residence 84-Arif Jan Road Cantt Lahore.

Our Ref. No. CL/CED/ 9688

Dated: 14/10/2025

Test Specification

Your Ref. No. I A A- 131253

Dated: 09/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **09/10/2025** Tested on: **14/10/2025** 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	11	9	2025	6Diax12	---	13.2	28.28	68	5386	---	Non Engraved
2	4000 Psi	11	9	2025	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
3	4000 Psi	11	9	2025	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	4000 Psi	11	9	2025	6Diax12	---	13.8	28.28	84	6653	---	Non Engraved
5	4000 Psi	11	9	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
6	4000 Psi	11	9	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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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314
 Dr. Umbreen

To: Mr. ALI RAZA
 Project Manager, ALIF Holdings, Bahria Town Lahore.

Project: 18 Park Residence (Ground Floor Slab)

Our Ref. No. CL/CED/ 9689

Dated: 14/10/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/10/2025 Tested on: 14/10/2025 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	3	10	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	4000 Psi	3	10	2025	6Diax12	---	14.2	28.28	48	3802	---	Non Engraved
3	4000 Psi	3	10	2025	6Diax12	---	14	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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316
 Dr. Umbreen

To: Mr. Hammad Rao
 Project Manager, FABCON Contractors (Pvt) Ltd.

Project: Zubair Grains Products Project, Sahiwal

Our Ref. No. CL/CED/ 9690

Dated: 14/10/2025

Test Specification

Your Ref. No. Nil

Dated: 13/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/10/2025 Tested on: 14/10/2025 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	6000 Psi	11	9	2025	6Diax12	---	14.4	28.28	56	4436	---	Non Engraved
2	6000 Psi	11	9	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	6000 Psi	11	9	2025	6Diax12	---	13.8	28.28	82	6495	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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

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304
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division No. 2, Gujranwala
Project: Improvement Workforce Readiness in Punjab Project (IWRPP), Government College of Technology Gujranwala
 Our Ref. No. CL/CED/ 9691 Dated: 14/10/2025 Test Specification
 Your Ref. No. 3461/G-21 Dated: 07/10/2025 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **8/10/2025** Tested on: **14/10/2025** 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 (1:2:4)	22	8	2025	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
2	Ground Floor Slab (1:2:4)	22	8	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	Ground Floor Slab (1:2:4)	22	8	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
4	Ground Floor Slab (1:2:4)	22	8	2025	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
5	Ground Floor Slab (1:2:4)	22	8	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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318
 Dr. Umbreen

To: Mr. Khalid Mehmood
 Project Manager, ROCKWELL, Gulberg-II, Lahore

Project: Pile Work - WH Block-G at CPL, Sundar Industrial Estate Lahore.

Our Ref. No. CL/CED/ 9692

Dated: 14/10/2025

Test Specification

Your Ref. No. RCL/CPL-2/J-250509/R2

Dated: 13/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/10/2025 Tested on: 14/10/2025 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	---	11	9	2025	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
2	---	11	9	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	---	11	9	2025	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
4	---	12	9	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
5	---	12	9	2025	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
6	---	12	9	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
7	---	13	9	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
8	---	13	9	2025	6Diax12	---	14.2	28.28	66	5228	---	Non Engraved
9	---	13	9	2025	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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312
 Dr. Umbreen

To: Mr. Muhammad Imran
 Construction Manager, Ittefaq Building Solutions Pvt. Ltd.

Project: Mr. Imran Qamar Residence Cantt, Lahore. (Phase-3)

Our Ref. No. CL/CED/ 9693

Dated: 14/10/2025

Test Specification

Your Ref. No. Nil

Dated: 10/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 10/10/2025 **Tested on:** 14/10/2025 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 Columns,3500 Psi	26	9	2025	6x6x6	---	8.6	36	42	2613	---	Non Engraved
2	First Floor Columns,3500 Psi	26	9	2025	6x6x6	---	8.4	36	38	2364	---	Non Engraved
3	First Floor Columns,3500 Psi	26	9	2025	6x6x6	---	8.6	36	40	2489	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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309
 Dr. Umbreen

To: Engr. M. Rashid
 Site Engineer, Husnain Kareemain, Residential & Commercial Builders. Wapda Town, Lahore.

Project: Lahore Grammar School 308-C Johar Town, Lahore.

Our Ref. No. CL/CED/ 9694

Dated: 14/10/2025

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 09/10/2025 **Tested on:** 14/10/2025 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	3750 Psi	30	9	2025	6x6x6	---	8	36	24	1493	---	Non Engraved
2	3750 Psi	30	9	2025	6x6x6	---	7.8	36	24	1493	---	Non Engraved
3	3750 Psi	30	9	2025	6x6x6	---	7.6	36	22	1369	---	Non Engraved
4	3750 Psi	30	9	2025	6x6x6	---	8	36	24	1493	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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