



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.

94
 Dr.Umbreen

To: Mr. Muhammad Khalid Bashir
 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9374

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	3rd F Columns (4000 Psi)	23	8	2025	6x6x6	---	8.8	36	88	5476	---	Non Engraved
2	3rd F Columns (4000 Psi)	23	8	2025	6x6x6	---	8.6	36	92	5724	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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Dr.Umbreen

To: Mr. Muhammad Khalid Bashir
 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9375

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	3rd Roof Slab (3000 Psi)	16	8	2025	6x6x6	---	8.4	36	64	3982	---	Non Engraved
2	3rd Roof Slab (3000 Psi)	16	8	2025	6x6x6	---	8.6	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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 Dr.Umbreen

To: Mr. Muhammad Khalid Bashir
 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9376

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	2nd F Columns (4000 Psi)	8	8	2025	6x6x6	---	8.6	36	84	5227	---	Non Engraved
2	2nd F Columns (4000 Psi)	8	8	2025	6x6x6	---	8.4	36	78	4853	---	Non 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-reports1/>

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 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9377

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	FF Columns (4000 Psi)	22	7	2025	6x6x6	---	8.8	36	110	6844	---	Non Engraved
2	FF Columns (4000 Psi)	22	7	2025	6x6x6	---	8.6	36	84	5227	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9378

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	Mezzanine Col. & Shear Wall(4 Ksi)	4	7	2025	6x6x6	---	8.6	36	96	5973	---	Non Engraved
2	Mezzanine Col. & Shear Wall(4 Ksi)	4	7	2025	6x6x6	---	8.4	36	88	5476	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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To: Mr. Muhammad Khalid Bashir
CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9379

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 Tested on: 04/09/2025 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	FF Slab (3000 Psi)	16	7	2025	6x6x6	---	8.6	36	70	4356	---	Non Engraved
2	FF Slab (3000 Psi)	16	7	2025	6x6x6	---	8.6	36	74	4604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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To: Mr. Muhammad Khalid Bashir
 CEO, Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Allied Bank 105-A, UBL DHA Phase-6, Lahore.

Our Ref. No. CL/CED/ 9380

Dated: 04/09/2025

Test Specification

Your Ref. No. IBS/UBL Cub-Ph-6

Dated: 03/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	2nd F Slab (3000 Psi)	22	8	2025	6x6x6	---	8.6	36	70	4356	---	Non Engraved
2	2nd F Slab (3000 Psi)	22	8	2025	6x6x6	---	8.6	36	90	5600	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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87
 Dr.Umbreen

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

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

Our Ref. No. CL/CED/ 9381

Dated: 04/09/2025

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: 02/09/2025 **Tested on:** 04/09/2025 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	---	22	8	2025	6x6x6	---	8.2	36	78	4853	---	Non Engraved
2	---	22	8	2025	6x6x6	---	8	36	68	4231	---	Non Engraved
3	---	22	8	2025	6x6x6	---	8	36	46	2862	---	Non Engraved
4	---	22	8	2025	6x6x6	---	8.2	36	72	4480	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

87
 Dr.Umbreen

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

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

Our Ref. No. CL/CED/ 9382

Dated: 04/09/2025

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: 02/09/2025 **Tested on:** 04/09/2025 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	---	22	8	2025	6x6x6	---	8.4	36	72	4480	---	Non Engraved
2	---	22	8	2025	6x6x6	---	8.2	36	64	3982	---	Non Engraved
3	---	22	8	2025	6x6x6	---	8	36	70	4356	---	Non Engraved
4	---	22	8	2025	6x6x6	---	8.2	36	72	4480	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- 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.

84
Dr.Umbreen

To: Mr. Zaheer Abbas
 Senior Manager Construction, Beaconhouse School System. Educational Services (Pvt.) Ltd.

Project: Construction of New Block at Gojra Campus, Beaconhouse School System.

Our Ref. No. CL/CED/ 9383

Dated: 04/09/2025

Test Specification

Your Ref. No. Nil

Dated: 02/09/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 02/09/2025 Tested on: 04/09/2025 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	Roof Slab (4000 Psi)	26	7	2025	6x6x6	---	8.6	36	104	6471	---	Engraved
2	Roof Slab (4000 Psi)	26	7	2025	6x6x6	---	8.4	36	98	6098	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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.

100
Dr. Umbreen

To: Mr. Anwar ul Haq
 Project Manager, IKAN Engineering Services Pvt. Ltd.

Project: Zong MSC FSD

Our Ref. No. CL/CED/ 9384

Dated: 04/09/2025

Test Specification

Your Ref. No. IKAN-FSD-SITE-UET/038

Dated: 04/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04/09/2025 **Tested on:** 04/09/2025 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	GF Column (4000 Psi)	27	7	2025	6Diax12	---	12.8	28.28	78	6178	---	Non Engraved
2	GF Column (4000 Psi)	27	7	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
3	GF Column (4000 Psi)	27	7	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem Yaseen, CNIC 35202-2670505-7

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.

100
Dr. Umbreen

To: Mr. Anwar ul Haq,
Project Manager, IKAN Engineering Services Pvt. Ltd.

Project: Zong MSC FSD

Our Ref. No. CL/CED/ 9385

Dated: 04/09/2025

Test Specification

Your Ref. No. IKAN-FSD-SITE-UET/037

Dated: 04/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04/09/2025** Tested on: **04/09/2025** 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	GF/ST/L-1 (3000 Psi)	7	8	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	GF/ST/L-1 (3000 Psi)	7	8	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
3	GF/ST/L-1 (3000 Psi)	7	8	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Naeem Yaseen, CNIC 35202-2670505-7

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.

82
 Dr. Umbreen

To: Mr. Sajjad Karim
 Project Engineer, 7Canal Developers.

Project: Construction of 7Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 9386

Dated: 04/09/2025

Test Specification

Your Ref. No. Nil

Dated: 02/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02/09/2025 Tested on: 04/09/2025 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	5500 Psi	3	7	2025	6Diax12	---	13.4	28.28	84	6653	---	Non Engraved
2	5500 Psi	3	7	2025	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
3	5500 Psi	17	7	2025	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
4	5500 Psi	17	7	2025	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
5	5500 Psi	3	8	2025	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
6	5500 Psi	3	8	2025	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
7	4000 Psi	16	8	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
8	4000 Psi	16	8	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Shabeer Hussain

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.

89
 Dr. Umbreen

To: Mr. Umair Shahid
 Site Engineer, Design & Construction Department-HO City Schools (Pvt.) Ltd.

Project: Bahria Campus Lahore, Phase-II

Our Ref. No. CL/CED/ 9387

Dated: 04/09/2025

Test Specification

Your Ref. No. TCS/D&C/HO/0010/2025

Dated: 03/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	RCC Slab (1:2:4) (3 Ksi)	30	7	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	RCC Slab (1:2:4) (3 Ksi)	30	7	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	RCC Slab (1:2:4) (3 Ksi)	30	7	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- 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.

83
 Dr. Umbreen

To: Mr. Dr. Ashraf Chohan
 DAC Venues (Pvt.) Ltd.

Project: Construction of a Residential / Commercial Building located at 334 R Block, Johar Town, Lahore.

Our Ref. No. CL/CED/ 9388

Dated: 04/09/2025

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: 02/09/2025 **Tested on:** 04/09/2025 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	3000 Psi	26	7	2025	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
2	3000 Psi	26	7	2025	6Diax12	---	13	28.28	28	2218	---	Non Engraved
3	3000 Psi	26	7	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- 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.

88
 Dr. Umbreen

To: Engr. Abdullah Imran
 P & C Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: AM International, Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 9389

Dated: 04/09/2025

Test Specification

Your Ref. No. Nil

Dated: 03/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 04/09/2025 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	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
2	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
3	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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