



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.

282
 Dr. Aqsa Shabbir

To: Lt. Col. (R) Muhammad Ibrahim
 Senior Estate Engineer, Sundar Industrial Estate, Raiwind Road, Lahore.

Project: Supply & Fixing of Kerb Stones at SIE.

Our Ref. No. CL/CED/ 9627

Dated: 06/10/2025

Test Specification

Your Ref. No. BOM/SIE/BCD10-25/1066

Dated: 03/10/2025

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 **Tested on:** 06/10/2025 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	Kerb Stone	---	---	---	6x6x6	---	7.4	36	38	2364	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	7.8	36	35	2178	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	8	36	34	2116	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** 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



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ORIGINAL
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254
 Dr. Aqsa Shabbir

To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Haro Chicharwali, Gujranwala. (Retaining Wall Grid A/4-7 & A/7-11 (Left Side) & 02 nos. Lift Well, Basement - Ground Floor)
 Our Ref. No. CL/CED/ 9628 Dated: 06/10/2025
 Your Ref. No. THG/OS/2025/37 Dated: 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/09/2025 Tested on: 06/10/2025 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	Code-012	25	8	2025	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	Code-012	25	8	2025	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa Shabbir

To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala. (Columns Grid A/4-6, Basement - Ground Floor)
Our Ref. No. CL/CED/ 9629 **Dated:** 06/10/2025
Your Ref. No. THG/OS/2025/36 **Dated:** 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/09/2025 **Tested on:** 06/10/2025 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	---	25	8	2025	6Diax12	---	14	28.28	54	4277	---	Engraved
2	---	25	8	2025	6Diax12	---	13.8	28.28	58	4594	---	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/>

- * 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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 Dr. Aqsa Shabbir

To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Haro Chicharwali, Gujranwala. (Columns (15 nos.) and Shear Wall A-D/8-10 and D/7, Ground Floor - First Floor)
 Our Ref. No. CL/CED/ 9630 Dated: 06/10/2025
 Your Ref. No. THG/OS/2025/38 Dated: 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/09/2025** Tested on: **06/10/2025** 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	Code-015	16	9	2025	6Diax12	---	13	28.28	32	2535	---	Engraved
2	Code-015	16	9	2025	6Diax12	---	13.6	28.28	33	2614	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala. ((Columns (4 nos.) B-D/3, D/4, Ground Floor - First Floor).
 Our Ref. No. CL/CED/ 9631 Dated: 06/10/2025
 Your Ref. No. THG/OS/2025/39 Dated: 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/09/2025** Tested on: **06/10/2025** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Code-016	18	9	2025	6Diax12	---	13.6	28.28	41	3248	---	Engraved
2	Code-016	18	9	2025	6Diax12	---	13.2	28.28	38	3010	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala. (02 Nos. Lift Walls at Grid 6-7/A-B, Ground Floor - First Floor)
 Our Ref. No. CL/CED/ 9632 Dated: 06/10/2025
 Your Ref. No. THG/OS/2025/40 Dated: 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/09/2025** Tested on: **06/10/2025** 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	Code-017	19	9	2025	6Diax12	---	13.4	28.28	38	3010	---	Engraved
2	Code-017	19	9	2025	6Diax12	---	13.4	28.28	35	2772	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 Our Ref. No. CL/CED/ 9633 Dated: 06/10/2025
 Your Ref. No. THG/OS/2025/41 Dated: 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/09/2025 Tested on: 06/10/2025 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	Code-018	19	9	2025	6Diax12	---	13.6	28.28	40	3168	---	Engraved
2	Code-018	19	9	2025	6Diax12	---	13.4	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- * 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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To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Haro Chicharwali, Gujranwala. (Columns (04 nos.) at Grid A-B/5, A-B/4, Ground Floor - First Floor)
Our Ref. No. CL/CED/ 9634 **Dated:** 06/10/2025
Your Ref. No. THG/OS/2025/42 **Dated:** 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/09/2025 **Tested on:** 06/10/2025 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	Code-019	21	9	2025	6Diax12	---	13.6	28.28	44	3485	---	Engraved
2	Code-019	21	9	2025	6Diax12	---	13.6	28.28	40	3168	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

254
 Dr. Aqsa Shabbir

To: Mr. Omair Sadiq
 Project Manager, Tokyo Hospital, Gujranwala
Project: Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Haro Chicharwali, Gujranwala. (Columns (04 nos.) at Grid C/4, C-D/5, D/6, Ground Floor - First Floor)
Our Ref. No. CL/CED/ 9635 **Dated:** 06/10/2025
Your Ref. No. THG/OS/2025/43 **Dated:** 29/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **30/09/2025** Tested on: **06/10/2025** 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	Code-020	23	9	2025	6Diax12	---	13.8	28.28	38	3010	---	Engraved
2	Code-020	23	9	2025	6Diax12	---	13.8	28.28	38	3010	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

276
 Dr. Aqsa Shabbir

To: Project Manager
 Prestige Engineering and Construction, Multan Road, Lahore.

Project: 12-C Johar Town, Lahore

Our Ref. No. CL/CED/ 9636

Dated: 06/10/2025

Test Specification

Your Ref. No. TM-25-76

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 Tested on: 06/10/2025 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	Raft (3500 Psi)	15	9	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	Raft (3500 Psi)	15	9	2025	6Diax12	---	12.8	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

276
Dr. Aqsa Shabbir

To: **Project Manager**
Prestige Engineering and Construction. Multan Road, Lahore.

Project: 12-C Johar Town, Lahore

Our Ref. No. CL/CED/ 9637

Dated: 06/10/2025

Test Specification

Your Ref. No. TM-25-77

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 Tested on: 06/10/2025 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	RCC Retaining Wall (4500 Psi)	22	9	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	RCC Retaining Wall (4500 Psi)	22	9	2025	6Diax12	---	13	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

275
 Dr. Aqsa Shabbir

To: Engr. Ahmed Hussain Shah
 Resident Engineer, New Vision Consultant, Lahore

Project: Construction of Auditorium Building (Block-F) at University of Child Health Sciences, Lahore.

Our Ref. No. CL/CED/ 9638

Dated: 06/10/2025

Test Specification

Your Ref. No. NEWVISION/UCHS/AUD/29

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 **Tested on:** 06/10/2025 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	Lean Concrete	13	8	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	Lean Concrete	13	8	2025	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
3	Lean Concrete	13	8	2025	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)

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
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275
 Dr. Aqsa Shabbir

To: Engr. Ahmed Hussain Shah
 Resident Engineer, New Vision Consultant, Lahore

Project: Construction of Auditorium Building (Block-F) at University of Child Health Sciences, Lahore.

Our Ref. No. CL/CED/ 9639

Dated: 06/10/2025

Test Specification

Your Ref. No. NEWVISION/UCHS/AUD/30

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 Tested on: 06/10/2025 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	5000 Psi	5	9	2025	6Diax12	---	14.2	28.28	73	5782	---	Non Engraved
2	5000 Psi	5	9	2025	6Diax12	---	14.2	28.28	86	6812	---	Non Engraved
3	5000 Psi	5	9	2025	6Diax12	---	14	28.28	95	7525	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

279
 Dr. Aqsa Shabbir

To: Urwa Zaheer
 Project Director, HS Ideal Tower, Bahria Town, Lahore.

Project: Construction of HS Ideal Tower, Bahria Town, Lahore

Our Ref. No. CL/CED/ 9640

Dated: 06/10/2025

Test Specification

Your Ref. No. HSIT/2025/13

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 **Tested on:** 06/10/2025 **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	Remaining Raft Foundation	18	9	2025	6Diax12	---	13.8	28.28	28	2218	---	Non Engraved
2	Remaining Raft Foundation	18	9	2025	6Diax12	---	13.4	28.28	26	2059	---	Non Engraved
3	Remaining Raft Foundation	18	9	2025	6Diax12	---	14	28.28	31	2455	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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
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279
 Dr. Aqsa Shabbir

To: Urwa Zaheer
 Project Director, HS Ideal Tower, Bahria Town, Lahore.

Project: Construction of HS Ideal Tower, Bahria Town, Lahore

Our Ref. No. CL/CED/ 9641

Dated: 06/10/2025

Test Specification

Your Ref. No. HSIT/2025/14

Dated: 03/10/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 **Tested on:** 06/10/2025 **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	Slab of First Floor (Left Side)	19	9	2025	6Diax12	---	13.6	28.28	45	3564	---	Engraved
2	Slab of First Floor (Left Side)	19	9	2025	6Diax12	---	13.6	28.28	39	3089	---	Engraved
3	Slab of First Floor (Left Side)	19	9	2025	6Diax12	---	13	28.28	22	1743	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

278
 Dr. Aqsa Shabbir

To: Mr. Shakeel Ahmad
 Assistant Manager Civil, Halla, Pattoki. Mezan Beverages Dairy Unit (Pvt.) Ltd.

Project: RCC Road & Drain for Bunkers at Pattoki

Our Ref. No. CL/CED/ 9642

Dated: 06/10/2025

Test Specification

Your Ref. No. MD/Con/CIV/00175

Dated: 03/10/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 03/10/2025 Tested on: 06/10/2025 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	Floor (1:2:4)	4	9	2025	6x6x6	---	8.6	36	74	4604	---	Non Engraved
2	Floor (1:2:4)	4	9	2025	6x6x6	---	8.6	36	84	5227	---	Non Engraved
3	Floor (1:2:4)	26	9	2025	6x6x6	---	8.4	36	68	4231	---	Engraved
4	Floor (1:2:4)	26	9	2025	6x6x6	---	8.6	36	63	3920	---	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
- **** 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