



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.

0069
Dr. Aqsa Shabbir

To: **Mr. Husnain Ali**
Resident Engineer, for M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Sahulat Bazaar, Shadman, Lahore, Punjab, Pakistan.

Our Ref. No. CL/CED/ 9349

Dated: 02/09/2025

Test Specification

Your Ref. No. SOG/SS/SHAD-001

Dated: 18/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 Tested on: 02/09/2025 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	Footing of Shops (1:2:4)	27	7	2025	6Diax12	---	13	28.28	25	1980	---	Non Engraved
2	Footing of Shops (1:2:4)	27	7	2025	6Diax12	---	12.8	28.28	26	2059	---	Non Engraved
3	Footing of Shops (1:2:4)	27	7	2025	6Diax12	---	13	28.28	25	1980	---	Non Engraved
4	Footing of Shops (1:2:4)	28	7	2025	6Diax12	---	13.4	28.28	33	2614	---	Non Engraved
5	Footing of Shops (1:2:4)	28	7	2025	6Diax12	---	13.4	28.28	39	3089	---	Non Engraved
6	Footing of Shops (1:2:4)	28	7	2025	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
7	Footing of Shops (1:2:4)	29	7	2025	6Diax12	---	13.8	28.28	42	3327	---	Non Engraved
8	Footing of Shops (1:2:4)	29	7	2025	6Diax12	---	13.6	28.28	37	2931	---	Non Engraved
9	Footing of Shops (1:2:4)	29	7	2025	6Diax12	---	14	28.28	41	3248	---	Non Engraved
10	Footing of Shops (1:2:4)	30	7	2025	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
11	Footing of Shops (1:2:4)	30	7	2025	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
12	Footing of Shops (1:2:4)	30	7	2025	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
13	Footing of Shops (1:2:4)	31	7	2025	6Diax12	---	13.8	28.28	33	2614	---	Non Engraved
14	Footing of Shops (1:2:4)	31	7	2025	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
15	Footing of Shops (1:2:4)	31	7	2025	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
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
- **** 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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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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0069
 Dr. Aqsa Shabbir

To: Mr. Hamza Hassan
 Resident Engineer, for M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Sahulat-on-the-Go Bazaar, Lahore Manga Mandi. (Pedestals of Shops for Module 1)

Our Ref. No. CL/CED/ 9350

Dated: 02/09/2025

Test Specification

Your Ref. No. SOGB/Lhr/MAN/001

Dated: 02/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 Tested on: 02/09/2025 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	(1:2:4)	2	8	2025	6Diax12	---	13	28.28	22	1743	---	Non Engraved
2	(1:2:4)	2	8	2025	6Diax12	---	13	28.28	23	1822	---	Non Engraved
3	(1:2:4)	2	8	2025	6Diax12	---	13	28.28	22	1743	---	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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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0069
 Dr. Aqsa Shabbir

To: Mr. Hamza Hassan
 Resident Engineer, for M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Sahulat-on-the-Go Bazaar, Lahore Raiwind Mandi. (Pedestals of Shops for Module 1)

Our Ref. No. CL/CED/ 9351

Dated: 02/09/2025

Test Specification

Your Ref. No. SOGB/Lhr/RAI/002

Dated: 01/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 Tested on: 02/09/2025 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	(1:2:4)	1	8	2025	6Diax12	---	12.8	28.28	40	3168	---	Non Engraved
2	(1:2:4)	1	8	2025	6Diax12	---	12.6	28.28	47	3723	---	Non Engraved
3	(1:2:4)	1	8	2025	6Diax12	---	12.8	28.28	47	3723	---	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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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0069
 Dr. Aqsa Shabbir

To: Mr. Husnain Ali
 Resident Engineer, for M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Sahulat-on-the-Go Bazaar, Kharak Nala Site, Lahore.

Our Ref. No. CL/CED/ 9352

Dated: 02/09/2025

Test Specification

Your Ref. No. SOGB-RE/KHAR-NA/001

Dated: 24/08/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 Tested on: 02/09/2025 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2850	29.64	45	3401	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2460	29.64	30	2267	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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Director/Dy. Director Concrete Laboratory



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0069
 Dr. Aqsa Shabbir

To: Mr. Hamza Hassan
 Resident Engineer, for M/s Mascon Associates Pvt. Ltd. JV M/s HA Consulting

Project: Construction of Sahulat-on-the-Go Bazar, Raiwind Sabzi Mandi Site, Lahore.

Our Ref. No. CL/CED/ 9353 Dated: 02/09/2025 Test Specification
 Your Ref. No. SOGB-RE/RAI/001 Dated: 05/08/2025 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **29/08/2025** Tested on: **02/09/2025** 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2515	29.64	33	2494	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2490	29.64	35	2645	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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"dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory
 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
 2. 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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0081
Dr. Aqsa Shabbir

To: Mr. Nauman Akram
Regional Manager, Zoom Marketing Oils Pvt. Ltd.

Project: Daulatpur Depot

Our Ref. No. CL/CED/ 9354

Dated: 02/09/2025

Test Specification

Your Ref. No. CST-532-2503

Dated: 01/09/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 01/09/2025 Tested on: 02/09/2025 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3520	29.64	73	5517	---	---	
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3365	29.64	49	3703	---	---	
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3190	29.64	46	3476	---	---	
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3155	29.64	47	3552	---	---	
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3555	29.64	89	6726	---	---	
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3280	29.64	45	3401	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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0076
 Dr. Aqsa Shabbir

To: Mr. Hafiz Muhammad Umer
 Project Manager, The Vertical Pvt. Ltd.

Project: Sample Identification: Signed Sample (BTC)

Our Ref. No. CL/CED/ 9355

Dated: 02/09/2025

Test Specification

Your Ref. No. Vertical/V3/Site/31

Dated: 01/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 01/09/2025 **Tested on:** 02/09/2025 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	6000 Psi	4	8	2025	6Diax12	---	14.6	28.28	75	5941	---	Non Engraved
2	6000 Psi	4	8	2025	6Diax12	---	14.4	28.28	84	6653	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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
- *** 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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0076
 Dr. Aqsa Shabbir

To: Mr. Hafiz Muhammad Umer
 Project Manager, The Vertical Pvt. Ltd.

Project: Sample Identification: Signed Sample (BTC)

Our Ref. No. CL/CED/ 9356

Dated: 02/09/2025

Test Specification

Your Ref. No. Vertical/V3/Site/30

Dated: 01/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 01/09/2025 **Tested on:** 02/09/2025 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	6000 Psi	1	8	2025	6Diax12	---	14.2	28.28	87	6891	---	Non Engraved
2	6000 Psi	1	8	2025	6Diax12	---	14.4	28.28	81	6416	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

0068
 Dr. Aqsa Shabbir

To: Resident Engineer
 Master Consulting Engineers Pvt. Ltd. DHA Lahore Cantt.

Project: Establishment of University of Gujranwala. (Academic Block 2 Roof Slab Site Cured)

Our Ref. No. CL/CED/ 9357

Dated: 02/09/2025

Test Specification

Your Ref. No. C&W/MCE-UOG/N&Q/16

Dated: 02/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 **Tested on:** 02/09/2025 **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	# 3013 (3000 Psi)	6	7	2025	6Diax12	---	14	28.28	81	6416	---	Engraved
2	# 3014 (3000 Psi)	6	7	2025	6Diax12	---	14	28.28	75	5941	---	Engraved
3	# 3015 (3000 Psi)	6	7	2025	6Diax12	---	13.8	28.28	78	6178	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

0068
 Dr. Aqsa Shabbir

To: The Resident Engineer
 Master Consulting Engineers Pvt. Ltd. DHA Lahore Cantt.

Project: Establishment of University of Gujranwala. (Academic Block 2 Column Site Cured)

Our Ref. No. CL/CED/ 9358

Dated: 02/09/2025

Test Specification

Your Ref. No. C&W/MCE-UOG/N&Q/17

Dated: 08/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/08/2025 **Tested on:** 02/09/2025 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	# 4004 (4000 Psi)	11	7	2025	6Diax12	---	13.6	28.28	67	5307	---	Non Engraved
2	# 4005 (4000 Psi)	11	7	2025	6Diax12	---	13.8	28.28	76	6020	---	Non Engraved
3	# 4006 (4000 Psi)	11	7	2025	6Diax12	---	14	28.28	35	2772	---	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)
- 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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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.

0080
 Dr. Aqsa Shabbir

To: Sub Divisional Officer
 Buildings Sub Division No. 15, Lahore

Project: GIS Based Protection Regime and Establishment of Digital Communication Cell in Forestry Wildlife and Fisheries Department. (A.D.P No. 2580 for the year 2025-26)

Our Ref. No. CL/CED/ 9359

Dated: 02/09/2025

Test Specification

Your Ref. No. 1258

Dated: 25/07/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 01/09/2025 **Tested on:** 02/09/2025 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	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	8.8	36	51	3173	---	Non Engraved
2	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	8.6	36	46	2862	---	Non Engraved
3	Foundation Concrete (1:2:4)	13	7	2025	6x6x6	---	8.6	36	46	2862	---	Non Engraved
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

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Director/Dy. Director Concrete Laboratory