



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.

7001
Dr. Safer Abbas

To: Unit Head PMO
ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.

Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.3P%, Cement 550 kgs/m, Admixture BASF-993.5%, Microw Silica 30 kgs/m 5.6%)

Our Ref. No. CL/CED/ 4621

Dated: 08-04-24

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-75

Dated: 08-04-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-04-24 Tested on: 08-04-24 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	(8000 Psi)	10	3	2024	6Diax12	---	14.4	28.28	93	7366	---	Non Engraved
2	(8000 Psi)	10	3	2024	6Diax12	---	14.4	28.28	99	7842	---	Non Engraved
3	(8000 Psi)	10	3	2024	6Diax12	---	14	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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7001
 Dr. Safer Abbas

To: Unit Head PMO
 ABL-UML-P # 199-200, Allied Bank, New Garden Town, Lahore.
 Project: Construction of ABL Upper Mall Lahore Plot No 199,200. (w/c 0.4%, Cement 380 kgs/m, Admixture Sika ment 520-BA 1.1%)
 Our Ref. No. CL/CED/ 4622 Dated: 08-04-24
 Your Ref. No. ABL-UML-AMC-QAQC-74 Dated: 08-04-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-04-24 Tested on: 08-04-24 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)	10	3	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	(4000 Psi)	10	3	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	(4000 Psi)	10	3	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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6996
 Dr. Umbreen

To: Mr. Muhammad Hassnain Jaffar
 Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings.

Our Ref. No. CL/CED/ 4623

Dated: 08-04-24

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: 05-04-24 **Tested on:** 08-04-24 **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	---	21	3	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	---	21	3	2024	6Diax12	---	16	28.28	60	4752	---	Non Engraved
3	---	21	3	2024	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6987
 Dr. Qasim Khan

To: Engr. Jawad Ahmad
 Civil Engineer, Watersprint Limited.

Project: Construction Site at House No. 814 - Z Block, DHA Phase-III.

Our Ref. No. CL/CED/ 4624-1 of 3

Dated: 08-04-24

Test Specification

Your Ref. No. WSL-172/GL

Dated: 02-04-24

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COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-04-24 Tested on: 04-04-24 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	SIKA GROUT-114	3	4	2024	2x2x2	---	325	4	6.2	3416	---	Non Engraved
2	SIKA GROUT-114	3	4	2024	2x2x2	---	315	4	6.4	3526	---	Non Engraved
3	SIKA GROUT-114	3	4	2024	2x2x2	---	325	4	4.3	2369	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Rizwan Afzal & Mr. Kamran Sheikh

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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6987
 Dr. M. Yousaf

To: Engr. Jawad Ahmad
 Civil Engineer, Watersprint Limited.

Project: Construction Site at House No. 814 - Z Block, DHA Phase-III.

Our Ref. No. CL/CED/ 4624-2 of 3

Dated: 08-04-24

Test Specification

Your Ref. No. WSL-172/GL

Dated: 02-04-24

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-04-24 **Tested on:** 08-04-24 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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	SIKA GROUT-114	3	4	2024	2x2x2	---	330	4	15.5	8541	---	Non Engraved
2	SIKA GROUT-114	3	4	2024	2x2x2	---	330	4	16.75	9229	---	Non Engraved
3	SIKA GROUT-114	3	4	2024	2x2x2	---	315	4	12	6612	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Rizwan Afzal & Mr. Kamran Sheikh

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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6989
 Dr. Safer Abbas

To: Mr. Ashiq Ali
 District, Lahore.

Project: Residence of Farah and Abdul Hassan 1202 T-DHA Phase-8.

Our Ref. No. CL/CED/ 4625

Dated: 08-04-24

Test Specification

Your Ref. No. Gen-434/3

Dated: 04-04-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	20	2	2024	6x6x6	---	9	36	109	6782	---	Engraved
2	---	20	2	2024	6x6x6	---	8.8	36	101	6284	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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6992
 Dr. M. Yousaf

To: Engr. Najeeb Shahzad
 Project Manager, AIR Heights Developers (Pvt.) Ltd.

Project: DE View Project

Our Ref. No. CL/CED/ 4626

Dated: 08-04-24

Test Specification

Your Ref. No. Nil

Dated: 03-04-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 04-04-24 **Tested on:** 08-04-24 **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	29	2	2024	6Diax12	---	13	28.28	85	6733	---	Non Engraved
2	Raft	29	2	2024	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
3	Raft	29	2	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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6994
 Dr. M. Yousaf

To: Mr. Muhammad Shafait Munir
 Material Specialist, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.
 Project: Dualization of Road from Gujranwala to M-2 Interchange at Kot Sarwar via Hafizabad Km 6.20 to Km 80.35 Length 74.15 Km in District Gujranwala & Hafizabad (Section Km 40.20~55.40, L=15.20 Km)
 Our Ref. No. CL/CED/ 4627 Dated: 08-04-24
 Your Ref. No. SA-466F/103/GH/ML/Lab/100 Dated: 29-03-24

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-04-24** Tested on: **08-04-24** 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	Feeder Lcc Deck Slab Span # 8	7	3	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	Feeder Lcc Deck Slab Span # 8	7	3	2024	6Diax12	---	13	28.28	69	5465	---	Non Engraved
3	Feeder Lcc Deck Slab Span # 8	7	3	2024	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
4	Flyover at Railway Pile # 07	8	3	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
5	Flyover at Railway Pile # 07	8	3	2024	6Diax12	---	13	28.28	66	5228	---	Non Engraved
6	Flyover at Railway Pile # 07	8	3	2024	6Diax12	---	12.4	28.28	69	5465	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

6988
 Dr. M.Yousaf

To: Engr. Muhammad Fiaz, Sub Divisional Officer
 The Punjab Employees Social Security Institution (Head Office) 3-A Gulberg V, Lahore.

Project: Construction of Lift Well for Bed Lift at Khawaja Farid Social Security Hospital at Multan. (M/s H.H Associates)

Our Ref. No. CL/CED/ 4628

Dated: 08-04-24

Test Specification

Your Ref. No. SS.W.W () /226

Dated: 03-04-24

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 04-04-24 **Tested on:** 08-04-24 **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	---	4	3	2024	6x6x6	---	9	36	84	5227	---	Engraved
2	---	4	3	2024	6x6x6	---	9	36	85	5289	---	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-reports/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

6925
 Dr. M. Yousaf

To: Sub Divisional Officer
 Road Construction Sub Division No.1, Lahore.

Project: Construction of Road from Qureshi Wala to Thela Village in District Lahore. ADP No. 4285 for the Year 2023-24. (M/S Afzaal Brothers & Co)

Our Ref. No. CL/CED/ 4629

Dated: 08-04-24

Test Specification

Your Ref. No. 479/RCS-1

Dated: 12-02-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 25-03-24 **Tested on:** 08-04-24 **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	ASF	---	---	---	8.9 x 4.3 x 3	3960	3600	38.27	50	2927	10	---
2	ASF	---	---	---	8.8 x 4.2 x 3	3890	3480	36.96	54	3273	11.78	---
3	ASF	---	---	---	8.8 x 4.3 x 3.1	3885	3435	37.84	47	2782	13.1	---
4	ASF	---	---	---	8.8 x 4.2 x 3	3750	3520	36.96	43	2606	6.53	---
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-reports/>

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory