



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.

8100
Dr. Aqsa

To: Mr. Abdul Baseet
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd
Project: Burj-1 by AJWA Builders (Main Building 5th Floor Zone-02, Lift Wall-02 Grid:- F/4, Lift Wall-01 Grids:- H'~H/6)
Our Ref. No. CL/CED/ 6286 Dated: 29-10-24 Test Specification
Your Ref. No. DOC-BMC/AJWA/175 Dated: 21/10/2024 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-10-24 Tested on: 29-10-24 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	6000 Psi	19	9	2024	6Diax12	---	13	28.28	84	6653	---	Non Engraved
2	6000 Psi	19	9	2024	6Diax12	---	14	28.28	96	7604	---	Non Engraved
3	6000 Psi	19	9	2024	6Diax12	---	13	28.28	91	7208	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/1/>

- * 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
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

8109
 Dr. Aqsa

To: Mr. Tahawar Owais
 Project Manager, DSG Energy, Moving Towards A Greener Future

Project: Construction of Office Building at 29-M QIE.

Our Ref. No. CL/CED/ 6287

Dated: 29-10-24

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: 29-10-24 Tested on: 29-10-24 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	---	17	10	2024	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	---	17	10	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	---	17	10	2024	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
4	---	18	10	2024	6Diax12	---	14.2	28.28	71	5624	---	Non Engraved
5	---	18	10	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
6	---	18	10	2024	6Diax12	---	12.2	28.28	68	5386	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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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ORIGINAL
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8099&8113
 Dr. Aqsa

To: HEAD CONSTRUCTION SITE
 ABL-UML-P-199&200. (Allied Bank)
 Project: CONSTRUCTION OF ABL UPPER MALL LAHORE PLOT NO 199,200. (Manufacture by Izhar Pavers Pvt. Ltd.)
 Our Ref. No. CL/CED/ 6288 Dated: 29-10-24
 Your Ref. No. ABL-UML-AMC-QAQC-94 Dated: 28-10-24

Test Specification
 (----)

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	Solid Block	---	---	---	11.9x8.0x8.0	---	29	95.2	166	3906	---	---
2	Solid Block	---	---	---	11.9x7.9x8.0	---	28	94.01	118	2812	---	---
3	Solid Block	---	---	---	11.9x7.9x8.0	---	27.8	94.01	122	2907	---	---
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
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- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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8114
 Dr. Aqsa

To: HEAD CONSTRUCTION SITE
 ABL-UML-P-199&200. (Allied Bank)

Project: CONSTRUCTION OF ABL UPPER MALL LAHORE PLOT NO 199,200. (Manufacture by Izhar Pavers Pvt. Ltd.)

Our Ref. No. CL/CED/ 6289

Dated: 29-10-24

Test Specification

Your Ref. No. ABL-UML-AMC-QAQC-95

Dated: 29-10-24

(----)

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	Solid Block	---	---	---	11.9x6.0x8.0	---	21.4	71.4	68	2133	---	---
2	Solid Block	---	---	---	12.0x6.0x8.0	---	21.6	72	63	1960	---	---
3	Solid Block	---	---	---	11.9x6.0x8.0	---	22	71.4	69	2165	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL
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8063
Dr. Aqsa

To: Project Director
CAPITAL ATA TOWER, Plot No 1, 200 Ferozpur Road, Ichra, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6290

Dated: 29-10-24

Test Specification

Your Ref. No. Nil

Dated: 21/10/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-10-24 Tested on: 29-10-24 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	4th F. Columns Poured (1:1.5:3)	8	6	2024	6Diax12	---	12.6	28.28	50	3960	---	Engraved
2	5th F. Columns Poured (1:1.5:3)	15	8	2024	6Diax12	---	12.8	28.28	40	3168	---	Engraved
3	4th Floor Lift Wall Poured (1:2:4)	8	6	2024	6Diax12	---	13	28.28	56	4436	---	Engraved
4	5th F. Lift Wall Poured (1:2:4)	16	8	2024	6Diax12	---	12	28.28	28	2218	---	Engraved
5	3rd Floor Slab Poured (1:2:4)	5	6	2024	6Diax12	---	13	28.28	67	5307	---	Engraved
6	7th Floor Slab Poured (1:2:4)	6	5	2024	6Diax12	---	13.8	28.28	63	4990	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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8092
Dr. Aqsa

To: Engr. Muhammad Farooq Memon
Resident Engineer, Metroplan-Asian JV, NSIC, Sargodha.

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha. (Masjid Footing Grid D,E Line 1-4)

Our Ref. No. CL/CED/ 6291

Dated: 29-10-24

Test Specification

Your Ref. No.

Metrop-Asian (JV)/IDAP-NSIC-Lab/MB-SGD-RE/84

Dated: 25-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25-10-24 Tested on: 29-10-24 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	27	9	2024	6Diax12	---	12	28.28	61	4832	---	Non Engraved
2	4000 Psi	27	9	2024	6Diax12	---	12	28.28	57	4515	---	Non Engraved
3	4000 Psi	27	9	2024	6Diax12	---	12	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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8092
Dr. Aqsa

To: Engr. Muhammad Farooq Memon
Resident Engineer, Metroplan-Asian JV, NSIC, Sargodha

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha. (Main Building Shear Wall, Grid A/3~4)

Our Ref. No. CL/CED/ 6292

Dated: 29-10-24

Test Specification

Your Ref. No.

Metrop-Asian(JV)/IDAP-NSIC-Lab/MB-SGD-RE/83

Dated: 25-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25-10-24 Tested on: 29-10-24 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	5000 Psi	28	9	2024	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
2	5000 Psi	28	9	2024	6Diax12	---	12.8	28.28	64	5069	---	Non Engraved
3	5000 Psi	28	9	2024	6Diax12	---	12.2	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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8089
 Dr. Aqsa

To: Mr. Muhammad Armughan Khan
 Deputy Director (Q.C.D), WASA, LDA, Lahore.

Project: Tender No. P&S/25.01/6710 Rain Water Management Drainage Arrangement for SORE Point at Nishtar Park Sports Complex (Qaddafi Stadium) Lahore. (M/S. Habib Construction Services Limited)

Our Ref. No. CL/CED/ 6293

Dated: 29-10-24

Test Specification

Your Ref. No. QCD/2152

Dated: 23-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24-10-24 **Tested on:** 29-10-24 **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	---	20	9	2024	6Diax12	---	13	28.28	64	5069	---	Engraved
2	---	20	9	2024	6Diax12	---	13	28.28	49	3881	---	Engraved
3	---	20	9	2024	6Diax12	---	14	28.28	62	4911	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: M.

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



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.

8094
 Dr. Aqsa

To: Dr. Adil Khan
 Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.
 Project: Infrastructure Development at CBD Walton Phase 2 & 3 (Landscape, Hardscape, Electrical and Allied Works Package)
 Our Ref. No. CL/CED/ 6294 Dated: 29-10-24 Test Specification
 Your Ref. No. 4322/13/DAK/02/20 Dated: 04-10-24 (----)

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	Edge Stone	---	---	---	4 x 4 x 4	---	3	16	26	3640	---	Cut Cube
2	Edge Stone	---	---	---	4 x 4 x 4	---	3	16	20	2800	---	Cut Cube
3	Edge Stone	---	---	---	4 x 4 x 4	---	2.4	16	30	4200	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory