



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.

5270
Engr. Ubaid

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 2192

Dated: 19/6/2023

Test Specification

Your Ref. No. VA/29/79

Dated: 18/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/5/2023 Tested on: 19/6/2023 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	Ground Floor Slab Pour-I	31	3	2023	6Diax12	---	14.6	28.28	80	6337	---	Non Engraved
2	Ground Floor Slab Pour-I	31	3	2023	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	Ground Floor Slab Pour-I	31	3	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved
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Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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
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ORIGINAL
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5270
Engr. Ubaid

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 2193

Dated: 19/6/2023

Test Specification

Your Ref. No. VA/29/82

Dated: 18/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/5/2023 Tested on: 19/6/2023 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	Ist Fir Col. (CL14-17, CL19-22)	15	4	2023	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
2	Ist Fir Col. (CL14-17, CL19-22)	15	4	2023	6Diax12	---	14.4	28.28	106	8396	---	Non Engraved
3	Ist Fir Col. (CL14-17, CL19-22)	15	4	2023	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5270
Engr. Ubaid

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 2194

Dated: 19/6/2023

Test Specification

Your Ref. No. VA/29/81

Dated: 18/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/5/2023 Tested on: 19/6/2023 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	Ground Floor Slab Pour-2	11	4	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	Ground Floor Slab Pour-2	11	4	2023	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	Ground Floor Slab Pour-2	11	4	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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5270
 Engr. Ubaid

To: Mr. Waqas Ali
 VARIANT, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 2195

Dated: 19/6/2023

Test Specification

Your Ref. No. VA/29/80

Dated: 18/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23/5/2023 Tested on: 19/6/2023 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	Ground Floor Shear Wall 5.6	6	4	2023	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
2	Ground Floor Shear Wall 5.6	6	4	2023	6Diax12	---	14.2	28.28	88	6970	---	Non Engraved
3	Ground Floor Shear Wall 5.6	6	4	2023	6Diax12	---	13.8	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5311
Engr. Ubaid

To: Mr. Waqas Ali
VARIANT, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 2196

Dated: 19/6/2023

Test Specification

Your Ref. No. VA/29/83

Dated: 18/5/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/5/2023 Tested on: 19/6/2023 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	Ground Floor Slab Pour-3	20	4	2023	6Diax12	---	13.8	28.28	79	6257	---	Non Engraved
2	Ground Floor Slab Pour-3	20	4	2023	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	Ground Floor Slab Pour-3	20	4	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Babar Ali, CNIC: 35201-9967694-3

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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- 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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5384
 Engr. Ubaid

To: Mr. Muhammad Riaz Bhatti, Civil Engineer
 Resident Engineer, Fazaia Housing Scheme, Gujranwala
Project: Construction of 08 Marla Plaza Fountain Commercial Plot # 02, Sector-A Fazaia Housing Scheme Gujranwala.
 Our Ref. No. CL/CED/ 2197 Dated: 19/6/2023 Test Specification
 Your Ref. No. FHS/PMO/6015/5/Dev Dated: 08/06/2023 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/6/2023 Tested on: 19/6/2023 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	---	2	6	2023	6Diax12	---	13.8	28.28	35	2772	---	Engraved
2	---	2	6	2023	6Diax12	---	13.2	28.28	27	2139	---	Engraved
3	---	2	6	2023	6Diax12	---	13.4	28.28	27	2139	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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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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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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5390
 Engr. Ubaid

To: Mr. Muhammad Adnan
 Project Manager, ICON VALLEY Phase II

Project: Construction of ICON Commercial Building C&E

Our Ref. No. CL/CED/ 2198

Dated: 19/6/2023

Test Specification

Your Ref. No. IV-23

Dated: 08/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/6/2023 Tested on: 19/6/2023 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	Retaining Wall (3000 Psi)	12	5	2023	6Diax12	---	12.8	28.28	38	3010	---	Not Engraved
2	Retaining Wall (3000 Psi)	12	5	2023	6Diax12	---	14	28.28	29	2297	---	Not Engraved
3	Retaining Wall (3000 Psi)	12	5	2023	6Diax12	---	13	28.28	43	3406	---	Not Engraved
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
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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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5409
 Engr. Ubaid

To: Resident Engineer (Civil)
 Model Bazaar Head Office Building, MASCON Associates Pvt Ltd & HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2199 Dated: 19/6/2023 Test Specification
 Your Ref. No. MAC-HAC/23/PMBMC/LT/055 Dated: 06/06/2023 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **16/6/2023** Tested on: **19/6/2023** 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 Floor Lift (3000 Psi)	8	5	2023	6Diax12	---	13.4	28.28	51	4040	---	Not Engraved
2	4th Floor Lift (3000 Psi)	8	5	2023	6Diax12	---	12.6	28.28	49	3881	---	Not Engraved
3	4th Floor Lift (3000 Psi)	8	5	2023	6Diax12	---	13.6	28.28	39	3089	---	Not Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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"diax12" 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



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.

5372
 Engr. Ubaid

To: Mr. Muhammad Irfan
 Material Engineer, BANU MUKHTAR Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders

Our Ref. No. CL/CED/ 2200

Dated: 19/6/2023

Test Specification

Your Ref. No. BMC/AJWA/076

Dated: 09/06/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 9/6/2023 **Tested on:** 19/6/2023 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	Shear Wall #04 Grids #F-G/9	12	5	2023	6Diax12	---	14	28.28	71	5624	---	Not Engraved
2	Shear Wall #04 Grids #F-G/9	12	5	2023	6Diax12	---	14	28.28	65	5149	---	Not Engraved
3	Shear Wall #04 Grids #F-G/9	12	5	2023	6Diax12	---	14.6	28.28	71	5624	---	Not Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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- * as engraved on the specimens (if any)
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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