



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.

5158
 Dr. Aqsa

To: The Resident Engineer
 Acrow Consultant Pvt. Ltd. Lahore.

Project: Construction of Building B-45 MM Alam Road Gulberg-III

Our Ref. No. CL/CED/ 1826

Dated: 02-05-23

Test Specification

Your Ref. No. AC/B-45

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **02-05-23** Tested on: **02-05-23** 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 (6000 Psi)	4	4	2023	6Diax12	---	14.2	28.28	93	7366	---	Non Engraved
2	Shear Wall (6000 Psi)	4	4	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
3	Shear Wall (6000 Psi)	4	4	2023	6Diax12	---	13.8	28.28	102	8079	---	Non Engraved
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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
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ORIGINAL
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5158
 Dr. Aqsa

To: The Resident Engineer
 Acrow Consultant Pvt. Ltd. Lahore

Project: Construction of Building B-45 MM Alam Road Gulberg-III

Our Ref. No. CL/CED/ 1827

Dated: 02-05-23

Test Specification

Your Ref. No. AC/B-45

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **02-05-23** Tested on: **02-05-23** 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	TM No. 3, 6000 Psi (Ret. Wall & Col.)	28	3	2023	6Diax12	---	14.2	28.28	97	7683	---	Non Engraved
2	TM No. 1, 6000 Psi (Ret. Wall & Col.)	28	3	2023	6Diax12	---	14.2	28.28	121	9584	---	Non Engraved
3	TM No. 2, 6000 Psi (Ret. Wall & Col.)	28	3	2023	6Diax12	---	15	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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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5158
 Dr. Aqsa

To: The Resident Engineer
 Acrow Consultant Pvt. Ltd. Lahore

Project: Construction of Building B-45 MM Alam Road Gulberg-III. (Raft & UGWT Slab)

Our Ref. No. CL/CED/ 1828

Dated: 02-05-23

Test Specification

Your Ref. No. AC/B-45

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-05-23 Tested on: 02-05-23 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	TM No. 7, 4000 Psi	22	3	2023	6Diax12	---	14	28.28	104	8238	---	Non Engraved
2	TM No. 3, 4000 Psi	22	3	2023	6Diax12	---	14	28.28	98	7762	---	Non Engraved
3	TM No. 4, 4000 Psi	22	3	2023	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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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
- **** 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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5158
 Dr. Aqsa

To: The Resident Engineer
 Acrow Consultant Pvt. Ltd. Lahore

Project: Construction of Building B-45 MM Alam Road Gulberg-III. (Retaining Wall & Column)

Our Ref. No. CL/CED/ 1829

Dated: 02-05-23

Test Specification

Your Ref. No. AC/B-45

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **02-05-23** Tested on: **02-05-23** 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	TM No. 5, 4000 Psi	28	3	2023	6Diax12	---	14.8	28.28	76	6020	---	Non Engraved
2	TM No. 3, 4000 Psi	28	3	2023	6Diax12	---	14	28.28	115	9109	---	Non Engraved
3	TM No. 4, 4000 Psi	28	3	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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Director/Dy. Director Concrete Laboratory



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5158
 Dr. Aqsa

To: The Resident Engineer
 Acrow Consultant Pvt. Ltd. Lahore

Project: Construction of Building B-45 MM Alam Road Gulberg-III. (Slab & Ramp, Basement-2)

Our Ref. No. CL/CED/ 1830

Dated: 02-05-23

Test Specification

Your Ref. No. AC/B-45

Dated: 02-05-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 02-05-23 Tested on: 02-05-23 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	TM No. 5, 4000 Psi	4	4	2023	6Diax12	---	14.4	28.28	94	7446	---	Non Engraved
2	TM No. 2, 4000 Psi	4	4	2023	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
3	TM No. 4, 4000 Psi	4	4	2023	6Diax12	---	13.6	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ameen Firdous, CNIC # 36501-4908515-5

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Director/Dy. Director Concrete Laboratory



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5146
 Dr. Aqsa

To: Mr. Salman Iqbal (Director)
 M. Siddique Sons Building Contractor

Project: 464-G D.H.A Phase-V (RCC Retaining Wall of Basement)

Our Ref. No. CL/CED/ 1831

Dated: 02-05-23

Test Specification

Your Ref. No. Nil

Dated: 28-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-04-23** Tested on: **02-05-23** 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	3000 Psi	15	4	2023	6Diax12	---	13.4	28.28	19	1505	---	Engraved
2	3000 Psi	15	4	2023	6Diax12	---	12.4	28.28	32	2535	---	Engraved
3	3000 Psi	15	4	2023	6Diax12	---	14	28.28	39	3089	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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5146
 Dr. Aqsa

To: Mr. Salman Iqbal (Director)
 M. Siddique Sons Building Contractor

Project: 464-G D.H.A Phase-V (RCC Retaining Wall of Basement)

Our Ref. No. CL/CED/ 1832

Dated: 02-05-23

Test Specification

Your Ref. No. Nil

Dated: 28-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-04-23** Tested on: **02-05-23** 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	3000 Psi	15	4	2023	6Diax12	---	13	28.28	27	2139	---	Engraved
2	3000 Psi	15	4	2023	6Diax12	---	12.4	28.28	36	2851	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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5148
 Dr. Aqsa

To: Mr. M. Munir (Construction Manager)
 Minky & Associates Pvt. Ltd.

Project: 34-S, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 1833

Dated: 02-05-23

Test Specification

Your Ref. No. MA/UET/23428

Dated: 28-04-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-04-23** Tested on: **02-05-23** 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	---	29	3	2023	6Diax12	---	13.4	28.28	73	5782	---	Engraved
2	---	29	3	2023	6Diax12	---	13.4	28.28	73	5782	---	Engraved
3	---	29	3	2023	6Diax12	---	13.4	28.28	69	5465	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5153
 Dr. Aqsa

To: Engr. Asad Rashid Choudhary, P.E.
 Speed Construction Management (SCM)

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town, Lahore.

Our Ref. No. CL/CED/ 1834

Dated: 02-05-23

Test Specification

Your Ref. No. SCM-CVP-12-23

Dated: 26-04-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-04-23 Tested on: 02-05-23 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	---	29	3	2023	6Diax12	---	13.4	28.28	62	4911	---	Engraved
2	---	29	3	2023	6Diax12	---	13.4	28.28	59	4673	---	Engraved
3	---	29	3	2023	6Diax12	---	13.4	28.28	60	4752	---	Engraved
4	---	29	3	2023	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
5	---	29	3	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
6	---	29	3	2023	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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