



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.

6281
 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3578

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/425

Dated: 05-09-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3850	29.64	90	6802	---	Daokay Bazar Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3645	29.64	92	6953	---	Daokay Bazar Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	98	7406	---	Daokay Bazar Muridke
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" 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)
- 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
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6281
Dr. M. Yousaf

To: Municipal Officer (I&S)
Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3579

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/445

Dated: 25-09-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 Tested on: 27-11-23 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3850	29.64	96	7255	---	Bangla Road Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3795	29.64	67	5063	---	Bangla Road Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3660	29.64	98	7406	---	Bangla Road Muridke
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3580

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/444

Dated: 25-09-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3640	29.64	73	5517	---	Muridke Distributary
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3785	29.64	83	6273	---	Muridke Distributary
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.2	---	3685	29.64	100	7557	---	Muridke Distributary
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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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" dia x 12" cylinder) strength at 28 days as compressive strength

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 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3581

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/482

Dated: 20-10-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3695	29.64	106	8011	---	Qadri Bazar Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3745	29.64	90	6802	---	Qadri Bazar Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3710	29.64	85	6424	---	Qadri Bazar Muridke
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3582

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/424

Dated: 05-09-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	91	6877	---	Main / Rail Bazar Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	100	7557	---	Main / Rail Bazar Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3755	29.64	92	6953	---	Main / Rail Bazar Muridke
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3845	29.64	90	6802	---	Main / Rail Bazar Muridke
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3583

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/423

Dated: 05-09-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3610	30.42	98	7216	---	Karkhana Bazar Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3890	30.42	98	7216	---	Karkhana Bazar Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3700	30.42	96	7069	---	Karkhana Bazar Muridke
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3735	30.42	102	7511	---	Karkhana Bazar Muridke
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3570	30.42	98	7216	---	Karkhana Bazar Muridke
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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 Dr. M. Yousaf

To: Municipal Officer (I&S)
 Municipal Committee Muridke, District Sheikhupura.

Project: Improvement & Construction of Roads in MC Muridke.

Our Ref. No. CL/CED/ 3584

Dated: 27-11-23

Test Specification

Your Ref. No. MC/MDK/483

Dated: 20-10-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 **Tested on:** 27-11-23 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3605	29.64	105	7935	---	Haddoke Bazar Muridke
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3740	29.64	69	5215	---	Haddoke Bazar Muridke
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3635	29.64	74	5592	---	Haddoke Bazar Muridke
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3835	29.64	88	6650	---	Haddoke Bazar Muridke
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3725	29.64	92	6953	---	Haddoke Bazar Muridke
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3785	29.64	91	6877	---	Haddoke Bazar Muridke
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	102	7709	---	Haddoke Bazar Muridke
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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6285

Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3585

Dated: 27-11-23

Test Specification

Your Ref. No. OCC/CPD/31/199

Dated: 23-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-23 Tested on: 27-11-23 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	Column (6000 Psi)	16	11	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Column (6000 Psi)	16	11	2023	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

6285

Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3586

Dated: 27-11-23

Test Specification

Your Ref. No. OCC/CPD/30/194

Dated: 23-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-23 Tested on: 27-11-23 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	(6000 Psi)	26	10	2023	6Diax12	---	14.4	28.28	90	7129	---	Non Engraved
2	(6000 Psi)	26	10	2023	6Diax12	---	14.4	28.28	105	8317	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

6285

Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R)
Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre.

Our Ref. No. CL/CED/ 3586

Dated: 27-11-23

Test Specification

Your Ref. No. OCC/CPD/31/198

Dated: 23-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-23 Tested on: 27-11-23 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	Column (6000 Psi)	14	11	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Column (6000 Psi)	14	11	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"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.

6273
 Dr. M.Yousaf

To: Mr. Ali Raza
 Site Incharge, City Builders

Project: The Library Complex, Kinnaird College, Lahore.

Our Ref. No. CL/CED/ 3588

Dated: 27-11-23

Test Specification

Your Ref. No. CB/KCW/06

Dated: 22-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 Tested on: 27-11-23 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)	10	10	2023	6Diax12	---	13.6	28.28	82	6495	---	Non Engraved
2	(3000 Psi)	10	10	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	(3000 Psi)	10	10	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	(3000 Psi)	17	10	2023	6Diax12	---	14	28.28	47	3723	---	Non Engraved
5	(3000 Psi)	17	10	2023	6Diax12	---	14	28.28	47	3723	---	Non Engraved
6	(3000 Psi)	17	10	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
7	(5000 Psi)	19	10	2023	6Diax12	---	14	28.28	40	3168	---	Non Engraved
8	(5000 Psi)	19	10	2023	6Diax12	---	14.8	28.28	58	4594	---	Non Engraved
9	(5000 Psi)	19	10	2023	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
10	(3000 Psi)	23	9	2023	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
11	(3000 Psi)	23	9	2023	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
12	(3000 Psi)	23	9	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
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

- 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.

6276
 Dr. M.Yousaf

To: Mr. Waqas Ali
 Variant 25-t Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 3589

Dated: 27-11-23

Test Specification

Your Ref. No. VA/29/118

Dated: 21-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 Tested on: 27-11-23 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	4th Floor Slab Pour 1	9	10	2023	6Diax12	---	14.4	28.28	67	5307	---	Non Engraved
2	4th Floor Slab Pour 1	9	10	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	4th Floor Slab Pour 1	9	10	2023	6Diax12	---	14.4	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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.

6276
 Dr. M.Yousaf

To: Mr. Waqas Ali
 Variant 25-t Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 3590

Dated: 27-11-23

Test Specification

Your Ref. No. VA/29/120

Dated: 21-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 Tested on: 27-11-23 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	4th Floor Slab Pour 3	19	10	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
2	4th Floor Slab Pour 3	19	10	2023	6Diax12	---	14.6	28.28	64	5069	---	Non Engraved
3	4th Floor Slab Pour 3	19	10	2023	6Diax12	---	15	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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.

6280
 Dr. Asad Gilani

To: Engr. Muhammad Shaaban
 Resident Engineer, HA Consulting, Johar Town, Lahore.

Project: Construction of Central Building and Rehabilitation of 110 for Rental Spaces in NASTP DELTA Lahore.

Our Ref. No. CL/CED/ 3591

Dated: 27-11-23

Test Specification

Your Ref. No. HAC/UET/Cap/2311/17/111

Dated: 17-11-23

(ASTM C39)

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	SCIP Slab	12	11	2023	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
2	SCIP Slab	12	11	2023	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
3	SCIP Slab	12	11	2023	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Usama Ata & Mr. Iqar Hussain

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.

6289
 Dr. M.Yousaf

To: Mr. Mehran Ali
 Resident Engineer, AZ Engineering Associates, Hafizabad Residency at Pindi Bhattian.
Project: Rehabilitation of Road from Chiniot to Pindi Bhattian M-2 Interchange Section-II Length 18.45 KM
 District Hafizabad.
 Our Ref. No. CL/CED/ 3592 Dated: 27-11-23
 Your Ref. No. AZEA/RE/HFZ/251 Dated: 18-11-23

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-23 Tested on: 27-11-23 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	Rigid Pavement, (1:1.5:3), 4060 Psi	12	10	2023	6x6x6	---	8	36	97	6036	---	Non Engraved
2	Rigid Pavement, (1:1.5:3), 4060 Psi	12	10	2023	6x6x6	---	8.6	36	81	5040	---	Non Engraved
3	Rigid Pavement, (1:1.5:3), 4060 Psi	12	10	2023	6x6x6	---	8.6	36	100	6222	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

6279
 Dr. Asad Gilani

To: Engr. Muhammad Shaaban
 Resident Engineer, HA Consulting, Johar Town, Lahore.

Project: Construction of Central Building and Rehabilitation of 110 for Rental Spaces in NASTP DELTA Lahore.

Our Ref. No. CL/CED/ 3593

Dated: 27-11-23

Test Specification

Your Ref. No. HAC/UET/Cap/2311/11/107

Dated: 11-11-23

(BS 3921)**

COMPRESSION TEST REPORT



ONLINE 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	S	---	---	---	9 x 4.3 x 3.1	3980	3610	38.7	40	2315	10.25	---
2	S	---	---	---	9 x 4.3 x 3	3945	3560	38.7	46	2663	10.81	---
3	S	---	---	---	8.8 x 4.4 x 3	3870	3460	38.72	42	2430	11.85	---
4	S	---	---	---	8.9 x 4.4 x 3	3935	3550	39.16	36	2059	10.85	---
5	S	---	---	---	9 x 4.3 x 3	4025	3610	38.7	36	2084	11.5	---
6	S	---	---	---	9 x 4.4 x 3	3940	3560	39.6	42	2376	10.67	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Usama Ata & Mr. Iqar Hussain

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

- 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.

6276
 Dr. Ubaid

To: Mr. Waqas Ali
 Variant 25-t Gulberg 2, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 3594

Dated: 27-11-23

Test Specification

Your Ref. No. VA/29/119

Dated: 21-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22-11-23 Tested on: 23-11-23 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	4th Floor Slab Pour 2	17	10	2023	6Diax12	---	14.4	28.28	68	5386	---	Non Engraved
2	4th Floor Slab Pour 2	17	10	2023	6Diax12	---	15	28.28	66	5228	---	Non Engraved
3	4th Floor Slab Pour 3	17	10	2023	6Diax12	---	14.6	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3

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
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Director/Dy. Director Concrete Laboratory