



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.

6746

Dr. M. Yousaf

To: Sub Divisional Officer
Link Sub Division, Lahore.

Project: Construction of Gated Head Regulators from RD: 205+000 To 283+000 of BRBD Link Canal of Chakbandi Division Lahore. (Package-A). (At RD 210+000-Upstream Floor Slab of Head Regulator)

Our Ref. No. CL/CED/ 4267

Dated: 22-02-24

Test Specification

Your Ref. No. 40/CAMP

Dated: 21-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/2/2024 Tested on: 22-02-24 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)	23	1	2024	6Diax12	---	13.6	28.28	74	5861	---	Engraved
2	(4000 Psi)	23	1	2024	6Diax12	---	14	28.28	72	5703	---	Engraved
3	(4000 Psi)	23	1	2024	6Diax12	---	14	28.28	44	3485	---	Engraved
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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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ORIGINAL

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

6745

Dr. M. Yousaf

To: Mr. Muhammad Shahbaz Khokhar
Director Projects Management, Sagacious Construction (Pvt.) Ltd.

Project: Raft of Basement - Masjid Atlas Project at Dream Garden Housing Raiwind Road Lahore.

Our Ref. No. CL/CED/ 4268

Dated: 22-02-24

Test Specification

Your Ref. No. Atlas/M/24-0221

Dated: 21-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/2/2024 Tested on: 22-02-24 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	---	24	1	2024	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	---	24	1	2024	6Diax12	---	13	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL

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6753
Dr. Umbreen

To: Shahid Iqbal Builders
Consultants, Architects, Contractors. Qasim Pura Lahore Cantt.

Project: Construction of a Commercial Plaza DD-101, DHA Phase-IV.

Our Ref. No. CL/CED/ 4269

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 21-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/2/2024 Tested on: 22-02-24 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 Concrete (4000 Psi)	23	1	2024	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
2	Raft Concrete (4000 Psi)	23	1	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	RCC Wall Conc. (4000 Psi)	31	1	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	RCC Wall Conc. (4000 Psi)	31	1	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
5	RCC Wall Conc. (4000 Psi)	31	1	2024	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
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Witnessed by:

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ORIGINAL
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6747
 Dr. Qasim Khan

To: Mr. Hafiz Muhammad Saad, PMP
 Project Manager, 7 Canal Developers.

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 4270

Dated: 22-02-24

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: 21-02-24 **Tested on:** 22-02-24 **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	---	10	2	2024	6Diax12	---	15	28.28	78	6178	---	Non Engraved
2	---	10	2	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
3	---	11	2	2024	6Diax12	---	14.4	28.28	80	6337	---	Non Engraved
4	---	11	2	2024	6Diax12	---	13	28.28	72	5703	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain

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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ORIGINAL
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6733
 Dr. Umbreen

To: Mr. Muhammad Imran Khan
 Material Engineer ECSP.

Project: Construction of MPA's Hostel Lahore, Phase II. (M/S Shafiq Construction Company.)

Our Ref. No. CL/CED/ 4271

Dated: 22-02-24

Test Specification

Your Ref. No. 340/ECSP/MPA/ME/81

Dated: 14-02-24

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20-02-24 Tested on: 22-02-24 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	18	1	2024	6x6x6	---	8.2	36	115	7156	---	Engraved
2	Raft	18	1	2024	6x6x6	---	8.4	36	125	7778	---	Engraved
3	Raft	18	1	2024	6x6x6	---	8.6	36	112	6969	---	Engraved
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Witnessed by: Nil

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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Director/Dy. Director Concrete Laboratory



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

6740
 Dr. Umbreen

To: Mr. Muhammad Imran Khan
 Material Engineer ECSP.

Project: Construction of MPA's Hostel Lahore, Phase II. (M/S Iftikhar & Company)

Our Ref. No. CL/CED/ 4272

Dated: 22-02-24

Test Specification

Your Ref. No. 340/ECSP/MPA/ME/74

Dated: 24-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20-02-24 Tested on: 22-02-24 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	27	10	2023	6x6x6	---	8	36	93	5787	---	Engraved
2	Raft	27	10	2023	6x6x6	---	8	36	66	4107	---	Engraved
3	Raft	27	10	2023	6x6x6	---	8	36	83	5164	---	Engraved
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6730
 Dr. Umbreen

To: Mr. M. Sajjad
 Model Town, Lahore.

Project: Construction of Hair Club-46-FCC, Zahoor Elahi Road, Gulberg IV Lahore.

Our Ref. No. CL/CED/ 4273

Dated: 22-02-24

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: 19-02-24 Tested on: 22-02-24 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	19	1	2024	6Diax12	---	13.2	28.28	100	7921	---	Non Engraved
2	4000 Psi	19	1	2024	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
3	4000 Psi	19	1	2024	6Diax12	---	13	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

6728
 Dr. Umbreen

To: Mr. M. Arslan Khaleel
 MS Amanah Noor Residence, Lahore.

Project: Construction of Amanah Noor Residence Lahore.

Our Ref. No. CL/CED/ 4274

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

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		DD	MM	YYYY								
1	6th to 7th Floor (3000 Psi)	11	2	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	6th to 7th Floor (3000 Psi)	11	2	2024	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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- *** 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



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.

6718
 Dr. Umbreen

To: Meezan Developers
 Plaza No. 97, Block B, 2nd Floor Main Boulevard Jubilee Town Lahore.

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4275

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 16-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	S-5	27	11	2023	6Diax12	---	13	28.28	42	3327	---	Engraved
2	S-5	27	11	2023	6Diax12	---	13	28.28	70	5545	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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6718
 Dr. Umbreen

To: Meezan Developers
 Plaza No. 97, Block B, 2nd Floor Main Boulevard Jubilee Town Lahore.

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4276

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 16-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	C-1	23	11	2023	6Diax12	---	13.4	28.28	43	3406	---	Engraved
2	C-1	23	11	2023	6Diax12	---	13.8	28.28	83	6574	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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6718
 Dr. Umbreen

To: Meezan Developers
 Plaza No. 97, Block B, 2nd Floor Main Boulevard Jubilee Town Lahore.

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4277

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 16-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	C-1	29	11	2023	6Diax12	---	13	28.28	40	3168	---	Engraved
2	C-1	29	11	2023	6Diax12	---	13.2	28.28	76	6020	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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 Dr. Umbreen

To: Meezan Developers
 Plaza No. 97, Block B, 2nd Floor Main Boulevard Jubilee Town Lahore.

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4278

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 16-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	C-1	28	11	2023	6Diax12	---	13.2	28.28	72	5703	---	Engraved
2	C-1	28	11	2023	6Diax12	---	12.6	28.28	83	6574	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4279

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 14-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	C-1	25	11	2023	6Diax12	---	13	28.28	76	6020	---	Engraved
2	C-1	25	11	2023	6Diax12	---	13.2	28.28	42	3327	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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 Plaza No. 97, Block B, 2nd Floor Main Boulevard Jubilee Town Lahore.

Project: Construction of Jamia Tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/ 4280

Dated: 22-02-24

Test Specification

Your Ref. No. Nil

Dated: 16-02-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-02-24 Tested on: 22-02-24 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	GS-1	23	12	2023	6Diax12	---	13.2	28.28	66	5228	---	Engraved
2	GS-1	23	12	2023	6Diax12	---	13.2	28.28	56	4436	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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