



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.

6270

Dr. Ubaid

To: Assistant Engineer (Civil)
Building and Works Department, University of Engineering and Technology Lahore.

Project: Construction of Upper Floor of Existing Building of the Department of Computer Science, Main Campus UET Lahore.

Our Ref. No. CL/CED/ 3562

Dated: 23-11-23

Test Specification

Your Ref. No. B&W/ECSC/19

Dated: 20-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-11-23 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	(1:1.5:3)	17	10	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	(1:1.5:3)	17	10	2023	6Diax12	---	15	28.28	66	5228	---	Non Engraved
3	(1:1.5:3)	17	10	2023	6Diax12	---	14.6	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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)
- 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

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6278

Dr. Ubaid

To: Mr. Zia Mohy Uddin
Civil Engineer, Naubahar Bottling Company (Pvt.) Ltd. Gujranwala.

Project: Construction of Narowal New Warehouse.

Our Ref. No. CL/CED/ 3563

Dated: 23-11-23

Test Specification

Your Ref. No. Nil

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: 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	Roof Slab (3000 Psi)	12	10	2023	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
2	Roof Slab (3000 Psi)	12	10	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	Warehouse Flooring(3750 Psi)	1	11	2023	6Diax12	---	14.4	28.28	48	3802	---	Non Engraved
4	Warehouse Flooring(3750 Psi)	1	11	2023	6Diax12	---	14.2	28.28	51	4040	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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)
- 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.

6269
 Dr. Ubaid

To: Sub Divisional Officer
 Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 3564

Dated: 23-11-23

Test Specification

Your Ref. No. 379/1-A

Dated: 07-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-11-23 **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	Walls in Pannel # 22-26 (1:1.5:3)	4	10	2023	6x6x6	---	8.6	36	82	5102	---	Non Engraved
2	Walls in Pannel # 28-19 (1:1.5:3)	5	10	2023	6x6x6	---	8.4	36	79	4916	---	Non Engraved
3	Walls in Pannel # 17 (1:1.5:3)	6	10	2023	6x6x6	---	8.6	36	82	5102	---	Non Engraved
4	W. in Pan. # 30 & Bed #21 (1:1.5:3)	7	10	2023	6x6x6	---	8.4	36	83	5164	---	Non Engraved
5	W. in Pan. # 21 & Bed #23 (1:1.5:3)	8	10	2023	6x6x6	---	8.4	36	80	4978	---	Non Engraved
6	W. in Pan. # 25 & Bed #27 (1:1.5:3)	9	10	2023	6x6x6	---	8.4	36	93	5787	---	Non Engraved
7	W. in Pan. # 32 & Bed #29 (1:1.5:3)	10	10	2023	6x6x6	---	8.6	36	93	5787	---	Non Engraved
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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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6269
 Dr. Ubaid

To: Sub Divisional Officer
 Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 3565

Dated: 23-11-23

Test Specification

Your Ref. No. 380/1-A

Dated: 13-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-11-23 **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	W. in Pan. # 34 & Bed #31 (1:1.5:3)	11	10	2023	6x6x6	---	8.6	36	69	4293	---	Non Engraved
2	W. in Pan. # 31 & Bed #33 (1:1.5:3)	12	10	2023	6x6x6	---	8.8	36	66	4107	---	Non Engraved
3	Walls in Pannel # 25-27 (1:1.5:3)	14	10	2023	6x6x6	---	8.6	36	95	5911	---	Non Engraved
4	Walls in Pannel # 33 (1:1.5:3)	15	10	2023	6x6x6	---	8.6	36	69	4293	---	Non Engraved
5	W. in Pan. # 36 & Bed #35 (1:1.5:3)	17	10	2023	6x6x6	---	8.6	36	93	5787	---	Non Engraved
6	Walls in Pannel # 35 (1:1.5:3)	18	10	2023	6x6x6	---	8.4	36	87	5413	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Dr. Ubaid

To: Mr. Shahzad Munir
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3566

Dated: 23-11-23

Test Specification

Your Ref. No. G3/237/RE/30

Dated: 15-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-23 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	Column of Commercial Bldg.	7	10	2023	6Diax12	---	16	28.28	47	3723	---	Non Engraved
2	Column of Commercial Bldg.	7	10	2023	6Diax12	---	15	28.28	57	4515	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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Dr. Ubaid

To: Mr. Shahzad Munir
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3567

Dated: 23-11-23

Test Specification

Your Ref. No. G3/237/RE/31

Dated: 15-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-23 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	Footing of Commercial Bldg.	3	10	2023	6Diax12	---	14.4	28.28	50	3960	---	Non Engraved
2	Footing of Commercial Bldg.	3	10	2023	6Diax12	---	15.4	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Dr. Ubaid

To: Mr. Shahzad Munir
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3568

Dated: 23-11-23

Test Specification

Your Ref. No. G3/237/RE/32

Dated: 15-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-23 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	Column	7	10	2023	6Diax12	---	15	28.28	40	3168	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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
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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
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A carbon copy for the report has been retained in the lab for record.

6283

Dr. Ubaid

To: Engr. Nouman Qamar
Resident Engineer, AZ Engineering Associates, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM, in District Narowal. (Contractor: M/S Asad Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 3569

Dated: 23-11-23

Test Specification

Your Ref. No. AZ/RE/SNR/045

Dated: 22-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-23 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	#2, (4060 Psi)	23	10	2023	6Diax12	---	13.8	28.28	37	2931	---	Non Engraved
2	#5, (4060 Psi)	23	10	2023	6Diax12	---	14	28.28	33	2614	---	Non Engraved
3	#6 (4060 Psi)	23	10	2023	6Diax12	---	14.4	28.28	35	2772	---	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/>

- * 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



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.

6257
Dr. Aqsa

To: Mr. Salman Aziz
Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Const. of Infrastructure Development & Parking Plaza at Central Business Development Project, Central Business Development Project Pkg 1 & 2 Phase-1, Lahore. (Contractor: M/s NLC Engineers)

Our Ref. No. CL/CED/ 3570

Dated: 23-11-23

Test Specification

Your Ref. No. 4323/13/SA/09-NLC/342

Dated: 14-11-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-23 Tested on: 21-11-23 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	Kerb Stone (K5)	---	---	---	5.9 x 5.9 x 5.9	---	7675	34.81	70	4504	---	Cut Cube
2	Kerb Stone (K5)	---	---	---	5.8 x 5.9 x 5.9	---	7475	34.22	71	4648	---	Cut Cube
3	Kerb Stone (K5)	---	---	---	6 x 6 x 5.9	---	8000	36	77	4791	---	Cut Cube
4	Kerb Stone (K1)	---	---	---	4 x 4 x 4	---	2275	16	32	4480	---	Cut Cube
5	Kerb Stone (K1)	---	---	---	4 x 4 x 3.9	---	2225	16	34	4760	---	Cut Cube
6	Kerb Stone (K1)	---	---	---	3.8 x 4 x 3.9	---	2190	15.2	33	4863	---	Cut Cube
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

6257
Dr. Asad Gilani

To: Mr. Salman Aziz
Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Construction of Infrastructure Development & Parking Plaza at Central Business Development Project, Central Business Development Project Phase-1, Lahore. (Contractor: M/s NLC Engineers)

Our Ref. No. CL/CED/ 3571

Dated: 23-11-23

Test Specification

Your Ref. No. 4323/13/SA/09-NLC/341

Dated: 14-11-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-23 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	Concrete Cement Tile (Grey)	---	---	---	8.1x8.1x1.6	---	4215	65.61	214	7306	---	Cut Piece
2	Concrete Cement Tile (Grey)	---	---	---	8.0x8.1x1.6	---	4145	64.8	212	7328	---	Cut Piece
3	Concrete Cement Tile (Grey)	---	---	---	8.1x8.1x1.6	---	4015	65.61	216	7374	---	Cut Piece
4	Concrete Cement Tile (Black)	---	---	---	8.0x8.0x1.6	---	3925	64	210	7350	---	Cut Piece
5	Concrete Cement Tile (Black)	---	---	---	8.0x8.0x1.6	---	3975	64	212	7420	---	Cut Piece
6	Concrete Cement Tile (Black)	---	---	---	8.0x8.2x1.6	---	3870	65.6	208	7102	---	Cut Piece
7	Concrete Cement Tile (Ivory)	---	---	---	8.1x8.1x1.6	---	4010	65.61	212	7238	---	Cut Piece
8	Concrete Cement Tile (Ivory)	---	---	---	8.1x8.1x1.6	---	3985	65.61	210	7170	---	Cut Piece
9	Concrete Cement Tile (Ivory)	---	---	---	8.1x8.1x1.6	---	3965	65.61	212	7238	---	Cut Piece
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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.

6268

Dr. Ubaid

To: Mr. Riaz Ahmad
Rana Associates, New Garden Town, Lahore.

Project: P-160 Gulberg. (Zoom Ready Mix)

Our Ref. No. CL/CED/ 3572

Dated: 23-11-23

Test Specification

Your Ref. No. Nil

Dated: 20-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-11-23 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	Roof Slab (3000 Psi)	9	11	2023	6Diax12	---	13.4	28.28	21	1663	---	Non Engraved
2	Roof Slab (3000 Psi)	9	11	2023	6Diax12	---	14	28.28	23	1822	---	Non Engraved
3	Roof Slab (3000 Psi)	9	11	2023	6Diax12	---	14	28.28	20	1584	---	Non Engraved
4	Roof Slab (3000 Psi)	9	11	2023	6Diax12	---	14	28.28	25	1980	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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.

6262

Dr. Usman Akmal

To: Mr. Muhammad Shafiq

Assistant Resident Engineer, 16 City of Project, Package # III (Kamalia), MMP Pakistan (Pvt.) Ltd.

Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP), R2-Daras Ghousia to Darbar Darghai Shah Via Malkanwali Bhain Main Gate Fazil Deraan Park City. R1-Haji Chowk to Pakistan Chowk.

Our Ref. No. CL/CED/ 3573

Dated: 23-11-23

Test Specification

Your Ref. No. KM/PKG03/29

Dated: 18-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-11-23 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	(1:2:4)	19	10	2023	6Diax12	---	12.2	28.28	20	1584	---	Non Engraved
2	(1:2:4)	19	10	2023	6Diax12	---	12.8	28.28	28	2218	---	Non Engraved
3	(1:2:4)	19	10	2023	6Diax12	---	12.4	28.28	20	1584	---	Non Engraved
4	(1:2:4)	20	10	2023	6Diax12	---	12.4	28.28	32	2535	---	Non Engraved
5	(1:2:4)	20	10	2023	6Diax12	---	13	28.28	22	1743	---	Non Engraved
6	(1:2:4)	20	10	2023	6Diax12	---	13	28.28	26	2059	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Shafiq CNIC 36304-2378145-9 & Mr. M. Arshad CNIC 35101-7070900-1

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

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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.

6263

Dr. Ubaid

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Const. of DHA Newlife Residency Appart. at 273/1 Q Block Phase-II DHA, Lahore. (Contractor: M/s Ghousia Engg. & Const. Pvt. Ltd.), (Pour # 01 of 10th Floor Roof Slab from Grid 4-6 & Line L-P)

Our Ref. No. CL/CED/ 3574

Dated: 23-11-23

Test Specification

Your Ref. No. G3/DHA-NLD/RE/194

Dated: 17-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-11-23 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	10th Floor Roof Slab (4000 Psi)	28	9	2023	6Diax12	---	13.4	28.28	57	4515	---	Engraved
2	10th Floor Roof Slab (4000 Psi)	28	9	2023	6Diax12	---	13.4	28.28	46	3644	---	Engraved
3	10th Floor Roof Slab (4000 Psi)	28	9	2023	6Diax12	---	13	28.28	56	4436	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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



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.

6264

Dr. Ubaid

To: Project Director-II
U.D Wing, LDA, Lahore.

Project: Construction of Orange Line Metro Train Project (Package-II) Chourburji to Ali Town-Reconstruction of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore.

Our Ref. No. CL/CED/ 3575

Dated: 23-11-23

Test Specification

Your Ref. No. PD-II/LDA/158

Dated: 14-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-11-23 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	Raft Foundation (1:2:4)	15	10	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Raft Foundation (1:2:4)	15	10	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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- 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.

6251
Dr. Ubaid

To: Mr. Talha Javaid
Project Manager, CONSTRUCT @, 41-B, Gulberg II, Lahore.

Project: 18 Green Apartment Complex, DHA Phase VI, Lahore. (Basement Slab, In Front of Tower A)

Our Ref. No. CL/CED/ 3576

Dated: 23-11-23

Test Specification

Your Ref. No. Nil

Dated: 16-11-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-11-23 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	(3000 Psi)	9	11	2023	6Diax12	---	13.4	28.28	42	3327	---	Engraved
2	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	48	3802	---	Engraved
3	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	46	3644	---	Engraved
4	(3000 Psi)	9	11	2023	6Diax12	---	13.2	28.28	47	3723	---	Engraved
5	(3000 Psi)	9	11	2023	6Diax12	---	13.4	28.28	49	3881	---	Engraved
6	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	49	3881	---	Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8		---	---	---	---	---	---	---	---	---	---	---
9		---	---	---	---	---	---	---	---	---	---	---
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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.

6277

Dr. Ubaid

To: Mr. Usman Tahir
Resident Engineer, Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Project: Detailed Design & Resident Supervision of Regional Campuses of Allama Iqbal Open University Sargodha.

Our Ref. No. CL/CED/ 3577

Dated: 23-11-23

Test Specification

Your Ref. No. VISP/RC/SRG-023

Dated: 17-11-23

(BS 1881-116)

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	FF Columns Grid L-Q/2-8 (1:1:2)	7	10	2023	6x6x6	---	9	36	121	7529	---	Engraved
2	FF Columns Grid L-Q/2-8 (1:1:2)	7	10	2023	6x6x6	---	9.4	36	123	7653	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory