



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.

2279
 Dr. Umbreen

To: Lt Col (Ubaid Ur Rehman, Retd) SPM (JV) PEC Bldg Proj.
 NLC Engineers - Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore. (4th to 5th Floor Slab & Stair-1).

Our Ref. No. CL/CED/ 6459

Dated: 25-11-21

Test Specification

Your Ref. No. 901/NLC-TD (JV)/PEC/410

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 **Tested on:** 24-11-21 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	1338	18	10	2021	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
2	1339	18	10	2021	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
3	1341	18	10	2021	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

2265
 Dr. Mazhar

To: Project Manager
 Q-Links Property Management Pvt. Ltd.

Project: Jasmine Grande Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 6460

Dated: 25-11-21

Test Specification

Your Ref. No. QLC-BO-BH2-2021-093

Dated: 16-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-11-21 Tested on: 22-11-21 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	R.W (Grid # 1-3 E E to D) 3750 Psi	16	10	2021	6Diax12	---	13	28.28	19	1505	---	Engraved
2	R.W (Grid # 1-3 E E to D) 3750 Psi	16	10	2021	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
3	R.W (Grid # 17B-D) 5500 Psi	16	10	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	R.W (Grid # 16B-D) 5500 Psi	16	10	2021	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
5	R.W (Grid # 10-12A) 3750 Psi	18	10	2021	6Diax12	---	13	28.28	45	3564	---	Non Engraved
6	R.W (Grid # 10-12A) 3750 Psi	18	10	2021	6Diax12	---	13	28.28	41	3248	---	Non Engraved
7	R.W (Grid # 11-13A) 3750 Psi	14	10	2021	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
8	R.W (Grid # 11-13A) 3750 Psi	14	10	2021	6Diax12	---	13	28.28	63	4990	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2322
 Engr. Ubaid

To: Mr. Rasheed Ali S/O Mr. Shamshi
 District Shangla.

Project: Nil

Our Ref. No. CL/CED/ 6461

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

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	3500 Psi	14	11	2021	6Diax12	---	13	28.28	51	4040	---	Non Engraved
2	3500 Psi	14	11	2021	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	4000 Psi	14	11	2021	6Diax12	---	13.4	28.28	47	3723	---	Engraved
4	4000 Psi	14	11	2021	6Diax12	---	13.4	28.28	57	4515	---	Engraved
5	4000 Psi	16	11	2021	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
6	4000 Psi	16	11	2021	6Diax12	---	13.8	28.28	46	3644	---	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-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



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ORIGINAL
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2319
 Engr. Ubaid

To: Mr. Muhammad Saleem Awan, FM (Works Div) SRDC-L
 SUPARCO Office Works Division P.O Punjab University Samsani Road, Lahore.

Project: Construction of MTVC Facility at SRDC-L (M/s Malik Builders & Company).

Our Ref. No. CL/CED/ 6462

Dated: 25-11-21

Test Specification

Your Ref. No. 63302(MTVC) Works/Div/SRDC-L

Dated: 24-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24-11-21 **Tested on:** 25-11-21 **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	RCC Footing (1:1.5:3)	11	11	2021	6Diax12	---	14	28.28	43	3406	---	Non Engraved
2	RCC Footing (1:1.5:3)	11	11	2021	6Diax12	---	13.6	28.28	42	3327	---	Non 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/>

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ORIGINAL
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2297
 Engr. Ubaid

To: Junaid Mughal Architects.
 155 MB DHA, Phase-6, Lahore.

Project: Construction of Farmhouse at Bedian Road.

Our Ref. No. CL/CED/ 6463

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: 19-11-21

(ASTM C39)

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	---	13	10	2021	6Diax12	---	14.8	28.28	64	5069	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2277
 Engr. Ubaid

To: Mr. Sarfraz Rasheed
 Takbeer Developers.

Project: Takbeer Tower, Mcleod Road, Near Lakshmi Chowk, Lahore.

Our Ref. No. CL/CED/ 6464

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 Tested on: 25-11-21 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	10	10	2021	6Diax12	---	14.4	28.28	37	2931	---	Engraved
2	Column	10	10	2021	6Diax12	---	14.6	28.28	43	3406	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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2277
 Engr. Ubaid

To: Mr. Sarfraz Rasheed
 Takbeer Developers.

Project: Takbeer Tower, Mcleod Road, Near Lakshmi Chowk, Lahore.

Our Ref. No. CL/CED/ 6465

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 Tested on: 25-11-21 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	RCC Wall	4	11	2021	6Diax12	---	14.4	28.28	57	4515	---	Engraved
2	RCC Wall	4	11	2021	6Diax12	---	15	28.28	62	4911	---	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

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Director/Dy. Director Concrete Laboratory



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2281
 Engr. Ubaid

To: Mr. Muhammad Tufail, Construction Team Leader, Lahore Office.
 Zor Engineers (Pvt) Ltd.

Project: Good Shepherd Christian Hospital Kasur. ER- First Floor Slab.

Our Ref. No. CL/CED/ 6466

Dated: 25-11-21

Test Specification

Your Ref. No. 230.28.1/MT/20

Dated: 18-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 **Tested on:** 25-11-21 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	A (1:2:4)	29	10	2021	6Diax12	---	13.4	28.28	34	2693	---	Engraved
2	B (1:2:4)	29	10	2021	6Diax12	---	13.8	28.28	44	3485	---	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

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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.

2298
 Engr. Ubaid

To: Mr. Abrar Hussain, G.M-Engineering
 Mughals Pakistan (Private) Limited.

Project: Construction of EOBI Hotel & Mixed Use Development Project, Lahore. (Picked Up Columns-Office Courtyard).

Our Ref. No. CL/CED/ 6467

Dated: 25-11-21

Test Specification

Your Ref. No. 786/MPL-0064/191105/2021

Dated: 19-11-21

(ASTM C39)

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	4000 Psi	12	11	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	4000 Psi	12	11	2021	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	4000 Psi	12	11	2021	6Diax12	---	14	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

2291
Engr. Ubaid

To: SMK Properties (Pvt) Ltd.
Sector-A, Bahria Enclave, Pakistan.

Project: Nil

Our Ref. No. CL/CED/ 6468

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: 20-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-11-21 Tested on: 25-11-21 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	Slab T. Roof (Grid 1-6/A-F) 3000 Psi	5	11	2021	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
2	Slab T. Roof (Grid 1-6/A-F) 3000 Psi	5	11	2021	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

2309
 Engr. Ubaid

To: Mr. Tahawar Owais, Manager Civil
 Casa Grande Ventures (Private) Limited, Fortress Stadium, Lahore.

Project: Construction of Apartments Building at 94-G Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 6469

Dated: 25-11-21

Test Specification

Your Ref. No. Nil

Dated: 23-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 23-11-21 **Tested on:** 25-11-21 **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	Piles	15	10	2021	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	Piles	15	10	2021	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	Piles	18	10	2021	6Diax12	---	14	28.28	66	5228	---	Non Engraved
4	Piles	18	10	2021	6Diax12	---	14.8	28.28	61	4832	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory