



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.

4109
 Engr. Ubaid

To: Mr. Nasir Nadeem
 Head of Department, Design & Construction Department-HO, City School (Pvt) Ltd.

Project: Construction of Bahria Campus Lahore Phase-II

Our Ref. No. CL/CED/ 194

Dated: 27/10/2022

Test Specification

Your Ref. No. TCS/D&C/HO/001/2030

Dated: 20/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 20/10/2022 **Tested on:** 27/10/2022 **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	F.F Lifts Shear W. (1:2:4)3000Psi	2	9	2022	6Diax12	---	13.6	28.28	33	2614	---	Engraved
2	F.F Lifts Shear W. (1:2:4)3000Psi	2	9	2022	6Diax12	---	13.8	28.28	41	3248	---	Engraved
3	F.F Lifts Shear W. (1:2:4)3000Psi	2	9	2022	6Diax12	---	14	28.28	37	2931	---	Engraved
4	F.F Columns (1:1:2)3000Psi	14	9	2022	6Diax12	---	14	28.28	31	2455	---	Engraved
5	F.F Columns (1:1:2)3000Psi	14	9	2022	6Diax12	---	13	28.28	45	3564	---	Engraved
6	F.F Columns (1:1:2)3000Psi	14	9	2022	6Diax12	---	13.6	28.28	43	3406	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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4140
 Engr. Ubaid

To: Engr. Mujtaba Ahmad, Structure Engineer
 HISEL Power Pakistan Pvt. Limited, 167 A, Garden Block, New Garden Town, Lahore.

Project: Construction of Turk Plast (Alif Industry)

Our Ref. No. CL/CED/ 195

Dated: 27/10/2022

Test Specification

Your Ref. No. Nil

Dated: 25/10/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/10/2022 **Tested on:** 27/10/2022 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	---	20	8	2022	6x6x6	---	7.2	36	33	2053	---	Engraved
2	---	24	8	2022	6x6x6	---	7.4	36	12	747	---	Engraved
3	---	25	8	2022	6x6x6	---	7.4	36	8	498	---	Engraved
4	---	26	8	2022	6x6x6	---	7.4	36	14	871	---	Engraved
5	---	27	8	2022	6x6x6	---	7.8	36	38	2364	---	Engraved
6	---	28	8	2022	6x6x6	---	7.6	36	45	2800	---	Engraved
7	---	29	8	2022	6x6x6	---	8	36	35	2178	---	Engraved
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4145
 Engr. Ubaid

To: Mr. Muhammad Jamshad
 Apex Engineering & Co.,

Project: Construction of Solar Tubewell Projects South Punjab

Our Ref. No. CL/CED/ 196

Dated: 27/10/2022

Test Specification

Your Ref. No. APEX/LHR/1034

Dated: 09/09/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/10/2022 Tested on: 27/10/2022 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	---	19	10	2022	6x6x6	---	7	36	34	2116	---	Non Engraved
2	---	19	10	2022	6x6x6	---	7	36	37	2302	---	Non Engraved
3	---	19	10	2022	6x6x6	---	7	36	28	1742	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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/>

- * 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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ORIGINAL
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4132
 Engr. Ubaid

To: Mr. Rao Imran, Project Manager.
 Astral Constructors (Pvt) Ltd. Suit 1, F-5/1, Islamabad.

Project: Construction of McDonald, Etihad Town Lahore.

Our Ref. No. CL/CED/ 197

Dated: 27/10/2022

Test Specification

Your Ref. No. AST/MCD22

Dated: 24/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/10/2022 Tested on: 27/10/2022 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 (3000 Psi)	20	9	2022	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	Raft (3000 Psi)	20	9	2022	6Diax12	---	14	28.28	57	4515	---	Non Engraved
3	Raft (3000 Psi)	20	9	2022	6Diax12	---	14	28.28	52	4119	---	Non 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-reports1/>

- * 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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 Engr. Ubaid

To: Mr. Rao Imran, Project Manager.
 Astral Constructors (Pvt) Ltd. Suit 1, F-5/1, Islamabad.

Project: Construction of McDonald, Etihad Town Lahore.

Our Ref. No. CL/CED/ 198

Dated: 27/10/2022

Test Specification

Your Ref. No. AST/MCD21

Dated: 23/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 Tested on: 27/10/2022 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	Columns (4000 Psi)	23	9	2022	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	Columns (4000 Psi)	23	9	2022	6Diax12	---	14	28.28	61	4832	---	Non Engraved
3	Columns (4000 Psi)	23	9	2022	6Diax12	---	13	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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4116
 Engr. Ubaid

To: Mr. Sohaib A. Atallah, GM (City Project)
 Vision Developers (Pvt) Ltd. 55C, Gulberg-III, Lahore.

Project: Construction of Farm House

Our Ref. No. CL/CED/ 199

Dated: 27/10/2022

Test Specification

Your Ref. No. VD/CP/010/21102022

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21/10/2022 Tested on: 27/10/2022 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	3000 Psi	21	9	2022	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
2	3000 Psi	21	9	2022	6Diax12	---	14	28.28	51	4040	---	Non 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-reports1/>

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Director/Dy. Director Concrete Laboratory



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 Engr. Ubaid

To: Mr. Sohaib A. Ataullah, GM (City Project)
 Vision Developers (Pvt) Ltd. 55C, Gulberg-III, Lahore.

Project: Construction of Farm House

Our Ref. No. CL/CED/ 200

Dated: 27/10/2022

Test Specification

Your Ref. No. VD/CP/009/21102022

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21/10/2022 **Tested on:** 27/10/2022 **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	4	9	2022	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
2	3000 Psi	4	9	2022	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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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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4131
 Engr. Ubaid

To: Mr. Rao Imran, Project Manager.
 Astral Constructors (Pvt) Ltd. Suit 1, F-5/1, Islamabad.

Project: Construction of McDonald, Etihad Town Lahore.

Our Ref. No. CL/CED/ 201

Dated: 27/10/2022

Test Specification

Your Ref. No. AST/MCD22

Dated: 24/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

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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	Bottom Slab (3000 Psi)	17	9	2022	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	Bottom Slab (3000 Psi)	17	9	2022	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
3	Bottom Slab (3000 Psi)	17	9	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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- 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.

4129
 Engr. Ubaid

To: Mr. Muhammad Sohail Anjum, Project Manager
 MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450,451 Johar Town Lahore.

Our Ref. No. CL/CED/ 202

Dated: 27/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-064

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 **Tested on:** 27/10/2022 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	111 (5000 Psi)	14	9	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	117 (5000 Psi)	14	9	2022	6Diax12	---	13.6	28.28	77	6099	---	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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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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.

4129
 Engr. Ubaid

To: Mr. Muhammad Sohail Anjum, Project Manager
 MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450,451 JoharTown Lahore.

Our Ref. No. CL/CED/ 203

Dated: 27/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-065

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 **Tested on:** 27/10/2022 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	127 (3000 Psi)	23	9	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
2	128 (3000 Psi)	23	9	2022	6Diax12	---	13.6	28.28	76	6020	---	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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4129
 Engr. Ubaid

To: Mr. Muhammad Sohail Anjum, Project Manager
 MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450,451 Johar Town Lahore.

Our Ref. No. CL/CED/ 204

Dated: 27/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-066

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 Tested on: 27/10/2022 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	138 (3000 Psi)	14	10	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	139 (3000 Psi)	14	10	2022	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	140 (3000 Psi)	14	10	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4135
 Engr. Ubaid

To: Mr. Qaiser Imran, Resident Engineer
 Wing Consultant, GTTI Mughalpura, Lahore (Contractor: Nafcon Construction)

Project: Renovation Works of CoE at GTTI Mughalpura Lahore.

Our Ref. No. CL/CED/ 205

Dated: 27/10/2022

Test Specification

Your Ref. No. Nil

Dated: 21/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 **Tested on:** 27/10/2022 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	Septic Tank Wall(1:2:4)	23	8	2022	6Diax12	---	13	28.28	77	6099	---	Non Engraved
2	Septic Tank Wall(1:2:4)	23	8	2022	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4135
 Engr. Ubaid

To: Mr. Qaiser Imran, Resident Engineer
 Wing Consultant, GTTI Mughalpura, Lahore (Contractor: Nafcon Construction)

Project: Renovation Works of CoE at GTTI Mughalpura Lahore.

Our Ref. No. CL/CED/ 206

Dated: 27/10/2022

Test Specification

Your Ref. No. Nil

Dated: 25/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/10/2022 **Tested on:** 27/10/2022 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	Septic Tank slab(1:2:4)	27	9	2022	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
2	Septic Tank slab(1:2:4)	27	9	2022	6Diax12	---	13	28.28	48	3802	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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-reports1/>

- * 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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- 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.

4136
 Engr. Ubaid

To: Divisional Forest Officer
 Sialkot Forest Division (Contractor M/S Real Vibes & Company Pvt. Ltd.)

Project: Construction of Residential Building of the Divisional Forest Officer Sialkot.

Our Ref. No. CL/CED/ 207

Dated: 27/10/2022

Test Specification

Your Ref. No. Nil

Dated: 28/4/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/10/2022 Tested on: 27/10/2022 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	23	3	2022	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
2	3000 Psi	23	3	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
3	3000 Psi	23	3	2022	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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-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
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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)
- 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.

4142
 Engr. Ubaid

To: Mr. Alaudin Malkani, Executive Officer (Works)
 Punjab Safe Cities Authority, Lahore (M/S CMC Engineering Services)

Project: Restoration/ Relocation/ Shifting of PSCA Infrastructure at different sites through Framework Contract.

Our Ref. No. CL/CED/ 208

Dated: 27/10/2022

Test Specification

Your Ref. No. 13272/Works/PSCA/2022

Dated: 18/10/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **26/10/2022** Tested on: **27/10/2022** 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	PSCA-F1	16	9	2022	6x6x6	---	8.2	36	109	6782	---	Non Engraved
2	PSCA-F2	16	9	2022	6x6x6	---	8.4	36	72	4480	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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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-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4141
 Engr. Ubaid

To: Engr. Luqman Khan, Director Technical (C.E.O)
 ALTEC Engineers, House # 471-A, Block-B, Faisal Town Lahore.

Project: Construction of 8.D Punjab Small Industrial Estate Kasur.

Our Ref. No. CL/CED/ 209

Dated: 27/10/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 26/10/2022 Tested on: 27/10/2022 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	---	6	9	2022	6x6x6	---	8.2	36	67	4169	---	Engraved
2	---	15	9	2022	6x6x6	---	8.6	36	88	5476	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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-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