



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.

4220
 Dr. Umbreen

To: Mr. Rashid Kafeel, Sr. Technician, TS, S&F
 Pakistan Atomic Energy Commission S&F, DG SETUP, KCPC (Jauharabad)

Project: Construction of PAEC Foundation Filling Station at Chowk Girote.

Our Ref. No. CL/CED/ 322

Dated: 14-11-22

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: **11/11/2022** Tested on: **14-11-22** 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-4	3	11	2022	6Diax12	---	13	28.28	41	3248	---	Non Engraved
2	A-5	3	11	2022	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	B-1	3	11	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
4	B-2	3	11	2022	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
5	B-3	3	11	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
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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"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.

4230 & 4233
 Dr. Umbreen

To: PRO-CON
 New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 323

Dated: 14-11-22

Test Specification

Your Ref. No. Nil

Dated: 14-11-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14/11/2022 Tested on: 14-11-22 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	---	5	11	2022	6Diax12	---	13.2	28.28	37	2931	---	Engraved
2	---	5	11	2022	6Diax12	---	13.2	28.28	39	3089	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Shahid, CNIC # 35202-7701085-7

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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4170
 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 324

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/921

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 1/11/2022 Tested on: 14/11/2022 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	5000 Psi	17	9	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	5000 Psi	17	9	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
3	5000 Psi	17	9	2022	6Diax12	---	14	29.28	88	6732	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1. 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. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 325

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/926

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 1/11/2022 **Tested on:** 14/11/2022 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	4000 Psi	28	9	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
2	4000 Psi	28	9	2022	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved
3	4000 Psi	28	9	2022	6Diax12	---	14	29.28	94	7191	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** 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

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 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 326

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/925

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 1/11/2022 Tested on: 14/11/2022 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	5000 Psi	26	9	2022	6Diax12	---	13.6	28.28	86	6812	---	Non Engraved
2	5000 Psi	26	9	2022	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	5000 Psi	26	9	2022	6Diax12	---	13.4	29.28	79	6044	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah

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 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 327

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/924

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 1/11/2022 **Tested on:** 14/11/2022 **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	4000 Psi	26	9	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	4000 Psi	26	9	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
3	4000 Psi	26	9	2022	6Diax12	---	14	29.28	86	6579	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. Muhammad Shahbaz
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Project: Nil

Our Ref. No. CL/CED/ 328

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/923

Dated: 26/10/2022

(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
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1	4000 Psi	21	9	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	4000 Psi	21	9	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
3	4000 Psi	21	9	2022	6Diax12	---	13	29.28	73	5585	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. Muhammad Shahbaz
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Project: Nil

Our Ref. No. CL/CED/ 329

Dated: 14/11/2022

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Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

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		DD	MM	YYYY								
1	4000 Psi	17	9	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
2	4000 Psi	17	9	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	4000 Psi	17	9	2022	6Diax12	---	13.4	29.28	69	5279	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah

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.

4170
 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 330

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/920

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **1/11/2022** Tested on: **14/11/2022** 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	5000 Psi	16	9	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	5000 Psi	16	9	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
3	5000 Psi	16	9	2022	6Diax12	---	13.4	29.28	75	5738	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah

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.

4170
 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 331

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/918

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **1/11/2022** Tested on: **14/11/2022** 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	5000 Psi	15	9	2022	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
2	5000 Psi	15	9	2022	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
3	5000 Psi	15	9	2022	6Diax12	---	13	29.28	75	5738	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah

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.

4170
 Dr. Umbreen

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd. , 10-Q, Gulberg-II, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 332

Dated: 14/11/2022

Test Specification

Your Ref. No. IHPL/Con/919

Dated: 26/10/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **1/11/2022** Tested on: **14/11/2022** 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	4000 Psi	16	9	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
2	4000 Psi	16	9	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	4000 Psi	16	9	2022	6Diax12	---	13.8	29.28	79	6044	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah

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.

4228
 Dr. Umbreen

To: Mr. Muhammad Ashraf, Construction Engineer.
 Mines Labour Welfare Organization, Punjab, Lahore.

Project: Construction of 01 Residence for Lady Doctor at Mines Labour Welfare Hospital 119 SB, Sargodha.

Our Ref. No. CL/CED/ 333

Dated: 14/11/2022

Test Specification

Your Ref. No. MLW/C.E/MT/50/17/14479

Dated: 11-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11/11/2022** Tested on: **14/11/2022** 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	FF Slab (1:2:4)	4	8	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	FF Slab (1:2:4)	4	8	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

4228
 Dr. Umbreen

To: Mr. Muhammad Ashraf, Construction Engineer.
 Mines Labour Welfare Organization, Punjab, Lahore.

Project: Construction of 01 Residence for Mines Medical Officer (BS-17) at Mines Labour Welfare Complex, Khushab.

Our Ref. No. CL/CED/ 334

Dated: 14/11/2022

Test Specification

Your Ref. No. MLW/C.E/MT/50/17/14454

Dated: 11-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11/11/2022 Tested on: 14/11/2022 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	Roof Slab (1:2:4)	20	9	2022	6Diax12	---	13.2	28.28	35	2772	---	Non Engraved
2	Roof Slab (1:2:4)	20	9	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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-reports1/>

- * as engraved on the specimens (if any)
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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.

4228
 Dr. Umbreen

To: Mr. Muhammad Ashraf, Construction Engineer.
 Mines Labour Welfare Organization, Punjab, Lahore.

Project: Construction of 01 Residence for Lady Doctor at Mines Labour Welfare Hospital 119SB, Sargodha.

Our Ref. No. CL/CED/ 335

Dated: 14/11/2022

Test Specification

Your Ref. No. MLW/C.E/MT/50/17/14478

Dated: 11-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11/11/2022 **Tested on:** 14/11/2022 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	GF Roof Slab (1:2:4)	11	6	2022	6Diax12	---	13.8	28.28	102	8079	---	Non Engraved
2	GF Roof Slab (1:2:4)	11	6	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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- **** 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.

4227
 Dr. Umbreen

To: Lt. Col (R) Khalid Mahmood Zia.
 Resident Engineer (ACE) Arts, Associated Consulting Engineers ACE Limited.

Project: Construction works of Residence Apartments / Buildings at New Campus of GC University Lahore at KSK. (M/S: Rizcon Engineering)

Our Ref. No. CL/CED/ 336

Dated: 14/11/2022

Test Specification

Your Ref. No. RE/GCU(KSK)/T-1020/09

Dated: 04-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11/11/2022** Tested on: **14/11/2022** 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	Footings (1:2:4)	4	10	2022	6Diax12	---	13.8	28.28	57	4515	---	Engraved
2	Footings (1:2:4)	4	10	2022	6Diax12	---	13.4	28.28	47	3723	---	Engraved
3	Footings (1:2:4)	7	10	2022	6Diax12	---	13	28.28	27	2139	---	Engraved
4	Footings (1:2:4)	7	10	2022	6Diax12	---	13	28.28	29	2297	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

4226
 Dr. Umbreen

To: Sr. Project Manager.
 Ravians Construction Services.

Project: Construction of Fantasy Plaza, Dream Garden, Lahore.

Our Ref. No. CL/CED/ 337

Dated: 14/11/2022

Test Specification

Your Ref. No. Nil

Dated: 11-11-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11/11/2022 Tested on: 14/11/2022 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	5300 Psi	1	11	2022	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
2	5300 Psi	1	11	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
3	5300 Psi	1	11	2022	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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.

4147
 Dr. Umbreen

To: Engr. Hassan Mahmood, Resident Engineer
 G3 Engineering Consultants (Pvt.) Ltd. 57 M, Gulberg III, Lahore.

Project: Construction of DHA Newlife Residency Apartments at 273/1 Q Block PHAE-II DHA, Lahore.(M/s Ghouisa Engineering & Construction (Pvt.) Ltd. Lahore)

Our Ref. No. CL/CED/ 338

Dated: 14/11/2022

Test Specification

Your Ref. No. G3/DHA-NLD/RE/111

Dated: 21/10/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **27/10/2022** Tested on: **14/11/2022** 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	D	---	---	---	9 x 4.4 x 3.2	4020	3530	39.6	39	2206	13.88	---
2	D	---	---	---	9 x 4.3 x 3	3895	3475	38.7	37	2142	12.09	---
3	D	---	---	---	8.9 x 4.3 x 3	3845	3395	38.27	49	2868	13.25	---
4	D	---	---	---	8.7 x 4.3 x 2.9	3685	3350	37.41	49	2934	10	---
5	D	---	---	---	8.9 x 4.4 x 3.1	4035	3605	39.16	43	2460	11.93	---
6	D	---	---	---	9 x 4.3 x 3	3820	3415	38.7	39	2257	11.86	---
7	FB	---	---	---	8.8 x 4.4 x 3.1	3920	3460	38.72	37	2140	13.29	---
8	FB	---	---	---	8.7 x 4.2 x 3	3730	3275	36.54	41	2513	13.89	---
9	FB	---	---	---	8.9 x 4.4 x 3.1	3920	3525	39.16	47	2688	11.21	---
10	FB	---	---	---	8.8 x 4.3 x 3	3905	3470	37.84	43	2545	12.54	---
11	FB	---	---	---	8.8 x 4.3 x 3.1	3790	3230	37.84	37	2190	17.34	---
12	FB	---	---	---	8.7 x 4.3 x 2.9	3750	3310	37.41	43	2575	13.29	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

4184
 Dr. Umbreen

To: Lt. Col (R) Khalid Mahmood Zia, Resident Engineer (ACE) Arts.
 Associated Consulting Engineers ACE Limited.

Project: Construction Works of Residence Apartments / Buildings at New Campus of GC University Lahore at KSK (M/S Rizcon Engineering)

Our Ref. No. CL/CED/ 339

Dated: 14/11/2022

Test Specification

Your Ref. No. RE/GCU(KSK)/T-1020/03

Dated: 10-10-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-22** Tested on: **14/11/2022** 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	A61	---	---	---	8.7 x 4.3 x 2.8	3285	2860	37.41	35	2096	14.86	---
2	A61	---	---	---	8.6 x 4.2 x 2.9	3290	2800	36.12	31	1922	17.5	---
3	A61	---	---	---	8.5 x 4.2 x 2.9	3285	2885	35.7	45	2824	13.86	---
4	A61	---	---	---	8.5 x 4.2 x 2.8	3245	2860	35.7	34	2133	13.46	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
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ORIGINAL
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4229
 Dr. Umbreen

To: Mr. Rashid Kafeel, Senior Tech. TS, S& F KCP Colony
 Pakistan Atomic Energy Commission, S& F, DG SETUP

Project: Construction of Filling Station for PAEC Foundation at Chowk Girote.

Our Ref. No. CL/CED/ 340

Dated: 14/11/2022

Test Specification

Your Ref. No. Nil

Dated: 11-11-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **11-11-22** Tested on: **14/11/2022** 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	Rectangular Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2720	29.64	77	5819	---	Sultan Concrete	
2	Rectangular Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2730	29.64	55	4157	---	Sultan Concrete	
3	Rectangular Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2740	29.64	79	5970	---	Sultan Concrete	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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