



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.

2872
 Dr. Mazhar

To: Mehmood Iqbal Cheema, Resident Engineer
 Engineering Consultancy Services (Pvt) Limited, Lahore.

Project: Infrastructure Development and Construction of Affordable Housing Units at Moza Rakh Paji, Tehsil Raiwind, District Lahore. (Contract No. AHU/333/01)

Our Ref. No. CL/CED/ 8295

Dated: 16-03-22

Test Specification

Your Ref. No. ECSP/RE/LH/24

Dated: 21-02-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **03-03-22** Tested on: **16-03-22** 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	KBB	---	---	---	9 x 4.5 x 2.7	3490	3100	40.5	17	940	12.58	Fly Ash Brick
2	KBB	---	---	---	9 x 4.5 x 2.9	3910	3485	40.5	22	1217	12.2	Fly Ash Brick
3	KBB	---	---	---	9 x 4.5 x 2.9	3865	3470	40.5	27	1493	11.38	Fly Ash Brick
4	KBB	---	---	---	9 x 4.5 x 2.8	3860	3440	40.5	28	1549	12.21	Fly Ash Brick
5	KBB	---	---	---	9 x 4.5 x 2.9	3695	3255	40.5	10	553	13.52	Fly Ash Brick
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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2913
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8296

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/702

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-03-22** Tested on: **15-03-22** 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	6000 Psi	6	2	2022	6Diax12	---	14	28.28	87	6891	---	Non Engraved
2	6000 Psi	6	2	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
3	6000 Psi	6	2	2022	6Diax12	---	14.2	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL) and Mr. Ali Hasnain Khan

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



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2913
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8297

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/699

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-03-22 Tested on: 15-03-22 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	6000 Psi	1	2	2022	6Diax12	---	13.8	28.28	88	6970	---	Non Engraved
2	6000 Psi	1	2	2022	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
3	6000 Psi	1	2	2022	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL) and Mr. Ali Hasnain Khan

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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2913
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8298

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/698

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-03-22** Tested on: **15-03-22** 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	4000 Psi	1	2	2022	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
2	4000 Psi	1	2	2022	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
3	4000 Psi	1	2	2022	6Diax12	---	13	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL) and Mr. Ali Hasnain Khan

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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2913
 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8299

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/700

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-03-22** Tested on: **15-03-22** 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	4000 Psi	5	2	2022	6Diax12	---	14.2	28.28	93	7366	---	Non Engraved
2	4000 Psi	5	2	2022	6Diax12	---	14	28.28	87	6891	---	Non Engraved
3	4000 Psi	5	2	2022	6Diax12	---	13.8	28.28	91	7208	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah (IHPL) and Mr. Ali Hasnain Khan

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

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 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8300

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/701

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-03-22** Tested on: **15-03-22** 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	6000 Psi	5	2	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	6000 Psi	5	2	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	6000 Psi	5	2	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
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 Dr. Aqsa

To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 8301

Dated: 16-03-22

Test Specification

Your Ref. No. IHPL/Con/703

Dated: 28-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **08-03-22** Tested on: **15-03-22** 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	6000 Psi	7	2	2022	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
2	6000 Psi	7	2	2022	6Diax12	---	13.8	28.28	93	7366	---	Non Engraved
3	6000 Psi	7	2	2022	6Diax12	---	14	28.28	97	7683	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah (IHPL) and Mr. Ali Hasnain Khan

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Director/Dy. Director Concrete Laboratory