



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.

3004
 Engr. Ubaid

To: **Sh. Muhammad Tariq**
 Engineer REC, The Help Care Society (TAC)

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town Lahore.
 (Contractor; M/S Muhammad Ashfaq Ch & Sons Pvt. Ltd.)

Our Ref. No. CL/CED/ 8471

Dated: 04-04-22

Test Specification

Your Ref. No. JTC EXT-9

Dated: 22/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/03/2022 Tested on: 31/3/2022 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	Slab of Basement	22	2	2022	6Diax12	---	13.6	28.28	75	5941	---	Non Engraved
2	Slab of Basement	22	2	2022	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	Slab of Basement	22	2	2022	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"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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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8472

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/715

Dated: 15/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/03/2022 Tested on: 01-04-22 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	21	2	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved	
2	4000 Psi	21	2	2022	6Diax12	---	14	28.28	74	5861	---	Non Engraved	
3	4000 Psi	21	2	2022	6Diax12	---	14	28.28	74	5861	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by: Engr. Rafi Ullah (IHPL)

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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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8473

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/716

Dated: 15/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/03/2022 **Tested on:** 01-04-22 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	21	2	2022	6Diax12	---	13.4	28.28	94	7446	---	Non Engraved	
2	6000 Psi	21	2	2022	6Diax12	---	14	28.28	102	8079	---	Non Engraved	
3	6000 Psi	21	2	2022	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by: Engr. Rafi Ullah (IHPL)

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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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8474

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/717

Dated: 15/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **28/03/2022** Tested on: **01-04-22** 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	23	2	2022	6Diax12	---	13.4	28.28	94	7446	---	Non Engraved
2	6000 Psi	23	2	2022	6Diax12	---	14	28.28	96	7604	---	Non Engraved
3	6000 Psi	23	2	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL)

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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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8475

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/718

Dated: 15/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/03/2022 Tested on: 01-04-22 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	24	2	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	6000 Psi	24	2	2022	6Diax12	---	14	28.28	89	7050	---	Non Engraved
3	6000 Psi	24	2	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL)

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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Director/Dy. Director Concrete Laboratory



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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8476

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/719

Dated: 15/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/03/2022 Tested on: 01-04-22 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	24	2	2022	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	4000 Psi	24	2	2022	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	4000 Psi	24	2	2022	6Diax12	---	14	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL)

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Director/Dy. Director Concrete Laboratory



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3017
 Dr. Yousaf

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

Project: Nil

Our Ref. No. CL/CED/ 8477

Dated: 04-04-22

Test Specification

Your Ref. No. IHPL/Con/723

Dated: 28/03/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/03/2022 Tested on: 01-04-22 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	26	2	2022	6Diax12	---	13.2	28.28	80	6337	---	Non Engraved
2	6000 Psi	26	2	2022	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
3	6000 Psi	26	2	2022	6Diax12	---	13.6	28.28	89	7050	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah (IHPL)

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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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ORIGINAL
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3037
 Dr. Umbreen

To: Irfan Ali Enterprises
 Rawalpindi, Cantt.

Project: Construction of 8 x SLDRS Flats (G+3) Block No.3 at Pasror Cantt.

Our Ref. No. CL/CED/ 8478

Dated: 04-04-22

Test Specification

Your Ref. No. 163/2021

Dated: 30-03-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **30/3/2022** Tested on: **04-04-22** 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-1	---	---	---	8.4 x 4.1 x 2.7	---	2515	34.44	35	2276	---	---
2	A-1	---	---	---	8.5 x 4.1 x 2.7	---	2545	34.85	41	2635	---	---
3	A-1	---	---	---	8.3 x 4 x 2.8	---	2430	33.2	35	2361	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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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.

2989
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division No. 20 Lahore.

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No.2483 For the Year 2021-22).

Our Ref. No. CL/CED/ 8479

Dated: 04-04-22

Test Specification

Your Ref. No. 128-130/20th

Dated: 11-03-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22/3/2022 Tested on: 04-04-22 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	H	---	---	---	8.6 x 4.2 x 2.9	---	3245	36.12	51	3163	---	---
2	H	---	---	---	8.8 x 4.3 x 3	---	3310	37.84	47	2782	---	---
3	H	---	---	---	8.9 x 4.3 x 2.9	---	3250	38.27	53	3102	---	---
4	H	---	---	---	8.8 x 4.4 x 2.8	---	3350	38.72	51	2950	---	---
5	H	---	---	---	8.9 x 4.3 x 2.9	---	3290	38.27	55	3219	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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)
- ** 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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 University of Engineering and Technology, Lahore, Pakistan
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 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division No. 20 Lahore

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No.2483 For the Year 2021-22)

Our Ref. No. CL/CED/ 8480

Dated: 04-04-22

Test Specification

Your Ref. No. 124-126/20th

Dated: 11-03-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22/3/2022 Tested on: 04-04-22 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	M.S	---	---	---	8.7 x 4.2 x 2.9	---	3245	36.54	47	2881	---	---
2	M.S	---	---	---	8.7 x 4.3 x 2.9	---	3155	37.41	55	3293	---	---
3	M.S	---	---	---	8.8 x 4.3 x 2.8	---	3170	37.84	53	3137	---	---
4	M.S	---	---	---	8.9 x 4.4 x 2.9	---	3275	39.16	43	2460	---	---
5	M.S	---	---	---	8.9 x 4.3 x 3	---	3235	38.27	43	2517	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- ** 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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To: Sub Divisional Officer
 Buildings Sub Division No. 20 Lahore

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No.2483 For the Year 2021-22)

Our Ref. No. CL/CED/ 8481

Dated: 04-04-22

Test Specification

Your Ref. No. 136-138/20th

Dated: 11-03-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **22/3/2022** Tested on: **04-04-22** 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	Z.B	---	---	---	8.9 x 4.3 x 3	---	3320	38.27	55	3219	---	---
2	Z.B	---	---	---	8.8 x 4.3 x 3	---	3435	37.84	53	3137	---	---
3	Z.B	---	---	---	8.8 x 4.4 x 2.9	---	3520	38.72	55	3182	---	---
4	Z.B	---	---	---	9 x 4.4 x 3	---	3390	39.6	43	2432	---	---
5	Z.B	---	---	---	8.8 x 4.3 x 2.9	---	3355	37.84	55	3256	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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To: Sub Divisional Officer
 Buildings Sub Division No. 20 Lahore

Project: Construction of Multi-Purpose Complex at Civic Centre Jubilee Town, Lahore (ADP No.2483 For the Year 2021-22)

Our Ref. No. CL/CED/ 8482

Dated: 04-04-22

Test Specification

Your Ref. No. 132-134/20th

Dated: 11-03-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 22/3/2022 **Tested on:** 04-04-22 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	T	---	---	---	9 x 4.3 x 2.9	---	3295	38.7	53	3068	---	---
2	T	---	---	---	8.9 x 4.3 x 2.9	---	3215	38.27	49	2868	---	---
3	T	---	---	---	8.8 x 4.4 x 2.9	---	3280	38.72	49	2835	---	---
4	T	---	---	---	8.8 x 4.3 x 2.9	---	3160	37.84	53	3137	---	---
5	T	---	---	---	8.7 x 4.3 x 2.8	---	3195	37.41	53	3173	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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