



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.

2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6528

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/488

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 01-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	7000 Psi (1)	7	10	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
2	7000 Psi (2)	7	10	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	7000 Psi (3)	7	10	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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ORIGINAL
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2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6529

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/487

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 01-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	7000 Psi (1)	29	10	2021	6Diax12	---	14	28.28	96	7604	---	Non Engraved
2	7000 Psi (2)	29	10	2021	6Diax12	---	14.2	28.28	98	7762	---	Non Engraved
3	7000 Psi (3)	29	10	2021	6Diax12	---	14.4	28.28	102	8079	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6530

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/486

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	7000 Psi (1)	28	10	2021	6Diax12	---	14.2	28.28	90	7129	---	Non Engraved
2	7000 Psi (2)	28	10	2021	6Diax12	---	14	28.28	94	7446	---	Non Engraved
3	7000 Psi (3)	28	10	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

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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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 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6531

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/485

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 01-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4000 Psi (1)	27	10	2021	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	4000 Psi (2)	27	10	2021	6Diax12	---	14	28.28	96	7604	---	Non Engraved
3	4000 Psi (3)	27	10	2021	6Diax12	---	14.2	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

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2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6532

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/484

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi (14)	26	10	2021	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
2	3000 Psi (15)	26	10	2021	6Diax12	---	14.2	28.28	37	2931	---	Non Engraved
3	3000 Psi (16)	26	10	2021	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6533

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/483

Dated: 15-11-21

(ASTM C39)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	7000 Psi (1)	26	10	2021	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	7000 Psi (2)	26	10	2021	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
3	7000 Psi (3)	26	10	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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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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2352
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6534

Dated: 02-12-21

Test Specification

Your Ref. No. IHPL/Con/489

Dated: 15-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	7000 Psi (1)	31	10	2021	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
2	7000 Psi (2)	31	10	2021	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
3	7000 Psi (3)	31	10	2021	6Diax12	---	13.2	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Civil Engineering Department

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2283
Engr. Ubaid

To: (Hafiz Ozair Ahmad), Deputy Director (QCD)
WASA, LDA, Lahore. (M/s Stallion Constructions Pvt. Ltd.)

Project: Tender No. P&S/25.01/6183 Replacement of Outlived Trunk Sewer from Sadiq Chowk to Muslim Chowk near C-II, Disposal Station UC-236 in Green Town Sub Division WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 6535

Dated: 02-12-21

Test Specification

Your Ref. No. QCD/1561-62

Dated: 10-11-21

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 18-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	MS	---	---	---	8.8 x 4.2 x 3	3545	3165	36.96	47	2848	12.01	---
2	MS	---	---	---	8.9 x 4.3 x 2.9	3725	3335	38.27	45	2634	11.69	---
3	MS	---	---	---	8.6 x 4.3 x 2.8	3550	3175	36.98	45	2726	11.81	---
4	MS	---	---	---	8.8 x 4.3 x 3	3585	3200	37.84	53	3137	12.03	---
5	MS	---	---	---	8.9 x 4.3 x 2.9	3530	3130	38.27	40	2341	12.78	---
6	MS	---	---	---	8.6 x 4.3 x 2.9	3535	3195	36.98	44	2665	10.64	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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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.

2243
 Engr. Ubaid

To: Sub Divisional Officer
 The Punjab Employees Social Security Institution.
Project: Construction of Social Security Health Facility at Taunsa. (M/s Al-Tawakkal Constructions Company).
Our Ref. No. CL/CED/ 6536 **Dated:** 02-12-21
Your Ref. No. SS. WW. (206) 21/ 289 **Dated:** 10-11-21

Test Specification
 (BS 3921**)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 11-11-21 **Tested on:** 02-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	"1"	---	---	---	8.6 x 4.2 x 2.8	3145	2725	36.12	35.25	2186	15.41	---
2	"1"	---	---	---	8.7 x 4.3 x 2.7	3099	2670	37.41	21	1257	16.07	---
3	"1"	---	---	---	8.7 x 4 x 2.7	2890	2450	34.8	31	1995	17.96	---
4	"1"	---	---	---	8.7 x 4.4 x 2.9	3144	2660	38.28	22.5	1317	18.2	---
5	"1"	---	---	---	8.6 x 4.2 x 2.9	2989	2595	36.12	19.5	1209	15.18	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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ORIGINAL
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2293
 Engr. Ubaid

To: Engr. Tajammal Farooq, Resident Engineer (AZEA)
 QABP-Sheikhupura.

Project: Construction of Multi Complex (MPC), Building (Phase-1) at Quaid-e-Azam Business Park (QABP) on M-2 Motorway, Sheikhupura.

Our Ref. No. CL/CED/ 6537

Dated: 02-12-21

Test Specification

Your Ref. No. RE/AZE/MPC-121

Dated: 26-10-21

(C67-01)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 19-11-21 **Tested on:** 02-12-21 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3 Star, 1A	---	---	---	4.3 x 4.3 x 2.9	1683	1540	18.49	14	1696	9.29	---
2	3 Star, 1B	---	---	---	4.5 x 4.3 x 2.9	1660	1485	19.35	22	2547	11.78	---
3	3 Star, 2C	---	---	---	4.3 x 4.2 x 2.7	1685	1545	18.06	32	3969	9.06	---
4	3 Star, 2D	---	---	---	4.4 x 4.2 x 2.7	1650	1490	18.48	30.5	3697	10.74	---
5	3 Star, 3E	---	---	---	4.3 x 4.3 x 2.8	1560	1405	18.49	33	3998	11.03	---
6	3 Star, 3F	---	---	---	4.4 x 4.3 x 2.8	1645	1505	18.92	34.5	4085	9.3	---
7	3 Star, 4G	---	---	---	4.4 x 4.3 x 2.8	1705	1520	18.92	24	2841	12.17	---
8	3 Star, 4H	---	---	---	4.3 x 4.3 x 2.8	1670	1455	18.49	21	2544	14.78	---
9	3 Star, 5i	---	---	---	4.4 x 4.3 x 2.8	1690	1530	18.92	22	2605	10.46	---
10	3 Star, 5J	---	---	---	4.3 x 4.3 x 2.8	1625	1455	18.49	18	2181	11.68	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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