



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.

2353
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6538

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/496

Dated: 23-11-21

(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	8000 Psi (4)	7	10	2021	6Diax12	---	15	28.28	146	11564	---	Non Engraved
2	8000 Psi (5)	7	10	2021	6Diax12	---	14.6	28.28	156	12356	---	Non Engraved
3	8000 Psi (7)	7	10	2021	6Diax12	---	14	28.28	166	13149	---	Non Engraved
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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
- *** 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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ORIGINAL
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2353
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6539

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/495

Dated: 23-11-21

(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	8000 Psi (4)	6	10	2021	6Diax12	---	14	28.28	108	8554	---	Non Engraved
2	8000 Psi (5)	6	10	2021	6Diax12	---	14.4	28.28	142	11248	---	Non Engraved
3	8000 Psi (6)	6	10	2021	6Diax12	---	14.8	28.28	150	11881	---	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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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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/ 6540

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/494

Dated: 23-11-21

(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	8000 Psi (4)	5	10	2021	6Diax12	---	14	28.28	140	11089	---	Non Engraved
2	8000 Psi (5)	5	10	2021	6Diax12	---	14	28.28	142	11248	---	Non Engraved
3	8000 Psi (6)	5	10	2021	6Diax12	---	14	28.28	118	9347	---	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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 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6541

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/493

Dated: 23-11-21

(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	8000 Psi (4)	2	10	2021	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	8000 Psi (5)	2	10	2021	6Diax12	---	15	28.28	158	12515	---	Non Engraved
3	8000 Psi (6)	2	10	2021	6Diax12	---	14.4	28.28	148	11723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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/ 6542

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/492

Dated: 23-11-21

(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
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2	8000 Psi (5)	1	10	2021	6Diax12	---	14.4	28.28	110	8713	---	Non Engraved
3	8000 Psi (6)	1	10	2021	6Diax12	---	13.8	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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To: Mr. Muhammad Shahbaz
 For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 6543

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/491

Dated: 23-11-21

(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
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2	8000 Psi (5)	30	9	2021	6Diax12	---	14.4	28.28	156	12356	---	Non Engraved
3	8000 Psi (6)	30	9	2021	6Diax12	---	14.4	28.28	144	11406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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/ 6544

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/490

Dated: 23-11-21

(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 (4)	28	9	2021	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	4000 Psi (5)	28	9	2021	6Diax12	---	13.6	28.28	88	6970	---	Non Engraved
3	4000 Psi (6)	28	9	2021	6Diax12	---	13.8	28.28	96	7604	---	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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To: Mr. Muhammad Shahbaz
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Project: Nil

Our Ref. No. CL/CED/ 6545

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/498

Dated: 23-11-21

(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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3	8000 Psi (6)	11	10	2021	6Diax12	---	14	28.28	112	8871	---	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
- *** 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.

2353
 Dr. Umbreen

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

Project: Nil

Our Ref. No. CL/CED/ 6546

Dated: 03-12-21

Test Specification

Your Ref. No. IHPL/Con/497

Dated: 23-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	8000 Psi (4)	10	10	2021	6Diax12	---	14.8	28.28	144	11406	---	Non Engraved
2	8000 Psi (5)	10	10	2021	6Diax12	---	14.8	28.28	150	11881	---	Non Engraved
3	8000 Psi (6)	10	10	2021	6Diax12	---	14	28.28	102	8079	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6547

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 28-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	Col. 3rd F. to Tie Beam 9 (1:1.5:3)	31	10	2021	6Diax12	---	13.8	28.28	57	4515	---	Non Engraved
2	col. 3rd F. to Tie Beam 10 (1:1.5:3)	31	10	2021	6Diax12	---	13.8	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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



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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6548

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 25-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	Col. 3rd F. to Tie Beam 3 (1:1.5:3)	28	10	2021	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	col. 3rd F. to Tie Beam 4 (1:1.5:3)	28	10	2021	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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



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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6549

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 26-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	Col. 3rd F. to Tie Beam 5 (1:1.5:3)	29	10	2021	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	Col. 3rd F. to Tie Beam 6 (1:1.5:3)	29	10	2021	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

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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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6550

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 27-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	Col. 3rd F. to Tie Beam 7 (1:1.5:3)	30	10	2021	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	Col. 3rd F. to Tie Beam 8 (1:1.5:3)	30	10	2021	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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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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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6551

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 24-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	Col. 3rd F. to Tie Beam 1 (1:1.5:3)	27	10	2021	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	Col. 3rd F. to Tie Beam 2 (1:1.5:3)	27	10	2021	6Diax12	---	14	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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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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.

2349
 Engr. Ubaid

To: From & on behalf of, M/S CMPak Limited
 Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6552

Dated: 03-12-21

Test Specification

Your Ref. No. CMPAK/NDC/Cylinder/01

Dated: 12-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **Tested on:** 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	2nd Floor Roof Slab (1-2-4)	15	10	2021	6Diax12	---	14	28.28	40	3168	---	Non Engraved
2	2nd Floor Roof Slab (1-2-4)	15	10	2021	6Diax12	---	14	28.28	54	4277	---	Non Engraved
3	2nd Floor Roof Slab (1-2-4)	15	10	2021	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
4	2nd Floor Roof Slab (1-2-4)	15	10	2021	6Diax12	---	14	28.28	63	4990	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

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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.

2348
 Engr. Ubaid

To: (Mr. Umair Maqsood), Sub Divisional Officer
 Buildings Sub Division, Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore. (Group No. 02)

Our Ref. No. CL/CED/ 6553

Dated: 03-12-21

Test Specification

Your Ref. No. 849

Dated: 23-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **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	Ground Floor Lift (1:1.5:3)	28	10	2021	6x6x6	---	9	36	71	4418	---	Engraved
2	Ground Floor Lift (1:1.5:3)	28	10	2021	6x6x6	---	8.8	36	89	5538	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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-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



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

2345
 Engr. Ubaid

To: Muhammad Waqas Younis
 Maintenance Engineer PU, Lahore.

Project: Construction of School of Economics at University of The Punjab at Q.AC.

Our Ref. No. CL/CED/ 6554

Dated: 03-12-21

Test Specification

Your Ref. No. D-733-ME-iv

Dated: 23-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30-11-21 **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	Foundation	25	10	2021	6x6x6	---	8.8	36	50	3111	---	Engraved
2	Foundation	25	10	2021	6x6x6	---	8.8	36	56	3484	---	Engraved
3	Foundation	25	10	2021	6x6x6	---	8.6	36	51	3173	---	Engraved
4	Foundation	26	10	2021	6x6x6	---	8.8	36	81	5040	---	Engraved
5	Foundation	26	10	2021	6x6x6	---	8.6	36	81	5040	---	Engraved
6	Foundation	26	10	2021	6x6x6	---	8.6	36	75	4667	---	Engraved
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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.

2030
Engr. Ubaid

To: Sub Divisional Officer, (Buildings)
Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3271 / 2020-21)

Group No. 1 Academic Block-II.

Our Ref. No. CL/CED/ 6555

Dated: 03-12-21

Test Specification

Your Ref. No. 1216/F

Dated: 11-09-21

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COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 05-10-21 Tested on: 03-12-21 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	M.A	---	---	---	8.8 x 4.4 x 3.1	3683	3344	38.72	44	2545	10.14	---
2	M.A	---	---	---	8.9 x 4.3 x 2.9	3606	3268	38.27	44	2575	10.34	---
3	M.A	---	---	---	9 x 4.4 x 3	3640	3308	39.6	32	1810	10.04	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2030
 Engr. Ubaid

To: Sub Divisional Officer, (Buildings)
 Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3271 / 2020-21)
 Group No. 1 Academic Block-II.
 Our Ref. No. CL/CED/ 6556 Dated: 03-12-21
 Your Ref. No. 1217/F Dated: 12-09-21

Test Specification
 (---)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: **05-10-21** Tested on: **03-12-21** 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	F-17	---	---	---	8.9 x 4.4 x 3	3572	3248	39.16	50	2860	9.98	---
2	F-17	---	---	---	8.8 x 4.4 x 2.9	3679	3358	38.72	44	2545	9.56	---
3	F-17	---	---	---	8.9 x 4.3 x 3.1	3573	3242	38.27	51	2985	10.21	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: _____

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