



**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.

2720  
 Dr. Umbreen

**To:** H Developments Construction  
 4-Babar Block, Main Boulevard Garden Town, Lahore

**Project:** 4-Babar Block, Garden Town, Lahore

**Our Ref. No.** CL/CED/ 7081

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 08-02-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **08-02-22** Tested on: **09-02-22** 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	Column	11	1	2022	6Diax12	---	13.8	28.28	83	6574	---	Engraved
2	Column	11	1	2022	6Diax12	---	14	28.28	79	6257	---	Engraved
3	Column	29	12	2021	6Diax12	---	14	28.28	73	5782	---	Engraved
4	Lift	16	1	2022	6Diax12	---	14	28.28	67	5307	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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



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

2697  
 Dr. Umbreen

To: M/S CMPak Limited  
 Zong 4G A China Mobile Company, Islamabad

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

Our Ref. No. CL/CED/ 7082

Dated: 10-02-22

Test Specification

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

Dated: 22-01-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **04-02-22** Tested on: **09-02-22** 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	Stair Case 2nd Floor to 3rd Floor	25	12	2021	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
2	Stair Case 2nd Floor to 3rd Floor	25	12	2021	6Diax12	---	13.4	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\* 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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2697  
 Dr. Umbreen

To: M/S CMPak Limited  
 Zong 4G A China Mobile Company, Islamabad

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

Our Ref. No. CL/CED/ 7083

Dated: 10-02-22

Test Specification

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

Dated: 31-01-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 04-02-22 Tested on: 09-02-22 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	Stair Case 3rd Floor to Roof	3	1	2022	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
2	Stair Case 3rd Floor to Roof	3	1	2022	6Diax12	---	13	28.28	77	6099	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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



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**ORIGINAL**  
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2717  
 Dr. Umbreen

To: Project Manager  
 Q-Links Property Management Pvt. Ltd.

Project: Jasmine Grand Mall, Bahria Town Lahore (Ground Floor Column)

Our Ref. No. CL/CED/ 7084

Dated: 10-02-22

Test Specification

Your Ref. No. QLC-BO-BH2-2022-02-LTR-17

Dated: 07-02-22

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **08-02-22** Tested on: **09-02-22** 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	Grid # 14-15 B/ 18E (5500 Psi)	6	1	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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



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**ORIGINAL**  
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2701  
 Dr. Umbreen

**To:** Mr. Javeed Aslam (Lab Incharge)  
 Banu Mukhtar Contracting Pvt. Ltd.

**Project:** Construction of Sunshine

**Our Ref. No.** CL/CED/ 7085

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** SPS/BML/005/2022

**Dated:** 04-02-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **04-02-22** Tested on: **09-02-22** 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	3000 (P4)	9	1	2022	6Diax12	---	14	28.28	49	3881	---	Engraved
2	3000 (P5)	9	1	2022	6Diax12	---	13.8	28.28	47	3723	---	Engraved
3	3000 (P6)	9	1	2022	6Diax12	---	13.2	28.28	47	3723	---	Engraved
4	4000 (P4)	9	1	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
5	4000 (P5)	9	1	2022	6Diax12	---	13.3	28.28	65	5149	---	Non Engraved
6	4000 (P6)	9	1	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
7	5000 (P4)	9	1	2022	6Diax12	---	13.6	28.28	63	4990	---	Engraved
8	5000 (P5)	9	1	2022	6Diax12	---	14.5	28.28	59	4673	---	Engraved
9	5000 (P6)	9	1	2022	6Diax12	---	13.8	28.28	63	4990	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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2693  
 Dr. Umbreen

To: Mr. Ahmed Ejaz  
 Quantity Surveyor, LINKER Developers (Pvt) Ltd. Cantt. Lahore.

Project: Construction of Ware House at US Apparel & Textiles Unit # 3 & 4

Our Ref. No. CL/CED/ 7086

Dated: 10-02-22

Test Specification

Your Ref. No. Nil

Dated: 01-02-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03-02-22 Tested on: 08-02-22 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	F.F. Columns (5250 Psi)	23	1	2022	6x6x6	---	8	36	69	4293	---	Engraved
2	F.F. Columns (5250 Psi)	23	1	2022	6x6x6	---	8	36	90	5600	---	Engraved
3	F.F. Columns (5250 Psi)	24	1	2022	6x6x6	---	8	36	83	5164	---	Engraved
4	F.F. Columns (5250 Psi)	24	1	2022	6x6x6	---	8	36	94	5849	---	Engraved
5	F.F. Columns (5250 Psi)	25	1	2022	6x6x6	---	8	36	79	4916	---	Engraved
6	F.F. Columns (5250 Psi)	25	1	2022	6x6x6	---	7.6	36	71	4418	---	Engraved
7	F.F. Columns (5250 Psi)	26	1	2022	6x6x6	---	7.8	36	49	3049	---	Engraved
8	F.F. Columns (5250 Psi)	26	1	2022	6x6x6	---	7.8	36	63	3920	---	Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Muhammad Abdullah Abid (CNIC # 35202-0714700-7)

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
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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



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**ORIGINAL**  
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2715  
 Dr. Umbreen

**To:** Mr. Muhammad Tufail (Construction Team Leader)  
 ZOR Engineers Pvt. Limited Lahore

**Project:** Nil

**Our Ref. No.** CL/CED/ 7087

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** 230.36.1/MT/7

**Dated:** 07-02-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **09-02-22** Tested on: **09-02-22** 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	Cylinder A	3	1	2022	6Diax12	---	13	28.28	41	3248	---	Engraved
2	Cylinder B	3	1	2022	6Diax12	---	13	28.28	35	2772	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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



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**ORIGINAL**  
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2716  
 Dr. Umbreen

**To:** Mr. Muhammad Tufail (Construction Team Leader)  
 ZOR Engineers (Pvt.) Limited

**Project:** Nil

**Our Ref. No.** CL/CED/ 7088

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** 230.36.1/MT/8

**Dated:** 07-02-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: **07-02-22** Tested on: **09-02-22** 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	Cylinder A	3	1	2022	6Diax12	---	13.4	28.28	53	4198	---	Engraved	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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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.

2725  
 Engr. Ubaid

**To:** Mr. M. Muneeb, Planning & Coordination Engineer  
 Redo Engineering & Construction (Pvt) Ltd.

**Project:** Nil

**Our Ref. No.** CL/CED/ 7089

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 08-02-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **08-02-22** Tested on: **10-02-22** 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	10	31	1	2022	6x6x6	---	8	36	58	3609	---	Non Engraved	
2	11	31	1	2022	6x6x6	---	8	36	61	3796	---	Non Engraved	
3	12	31	1	2022	6x6x6	---	8.2	36	50	3111	---	Non Engraved	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: M. Muneeb, CNIC # 35202-8392852-1

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

2725  
 Engr. Ubaid

**To:** Mr. M. Muneeb, Planning & Coordination Engineer  
 Redo Engineering & Construction (Pvt) Ltd.

**Project:** Nil

**Our Ref. No.** CL/CED/ 7090

**Dated:** 10-02-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 08-02-22

( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 08-02-22 **Tested on:** 10-02-22 **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-1	30	1	2022	6x6x6	---	8	36	49	3049	---	Non Engraved
2	T-2	30	1	2022	6x6x6	---	8	36	45	2800	---	Non Engraved
3	T-3	30	1	2022	6x6x6	---	8	36	51	3173	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:** M. Muneeb, CNIC # 35202-8392852-1

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