



**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.

5779  
 Dr. Umbreen

To: JR Private Limited  
 Cavalry Ground Ext. Lhaore Cantt.

Project: Construction of Warehouse & Cold Store at Faisalabad Fiedmc.

Our Ref. No. CL/CED/ 2760

Dated: 25-08-23

Test Specification

Your Ref. No. Nil

Dated: 24-08-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 24-08-23 Tested on: 25-08-23 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	Wall (3750 Psi)	13	7	2023	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
2	Wall (3750 Psi)	13	7	2023	6Diax12	---	14.2	28.28	59	4673	---	Non Engraved
3	Wall (3750 Psi)	13	7	2023	6Diax12	---	14.2	28.28	71	5624	---	Non Engraved
4	Wall (3750 Psi)	14	7	2023	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
5	Wall (3750 Psi)	14	7	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
6	Wall (3750 Psi)	14	7	2023	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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**  
 A carbon copy for the report has been retained in the lab for record.

5763  
 Dr. Umbreen

**To:** Sub Divisional Officer  
 Civil Const: Sub Division-II GSC, LESCO Lahore  
 Project: Construction of 132 KV GIS Grid Station Zaamin City Housing Scheme Mouza Kacha Hydyara Drain Near Fruit and Vegetable Market Kahna, Lahore  
 Our Ref. No. CL/CED/ 2761  
 Your Ref. No. SDO/CIVIL/GSC/LESCO/379-81

Dated: 25/8/2023      Test Specification  
 Dated: 10-08-23      (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **23/8/2023** Tested on: **25/8/2023** 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	RCC(1:2:4)-Cont. House Bldg Pad	15	7	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	RCC(1:2:4)-Cont. House Bldg Pad	15	7	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
3	RCC(1:2:4)-Cont. House Bldg Pad	15	7	2023	6Diax12	---	13.6	28.28	55	4356	---	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)
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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.

5754  
 Dr. Umbreen

**To: Mr. M. Aslam**  
 Projects Engineer, HKB RETAIL

**Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore**

**Our Ref. No. CL/CED/ 2762**

**Dated: 25/8/2023**

**Test Specification**

**Your Ref. No. BAB/CR/027**

**Dated: 19/8/2023**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 22/8/2023      Tested on: 25/8/2023      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	Columns (4000 Psi)	10	8	2023	6Diax12	---	13	28.28	23	1822	---	Engraved
2	Columns (4000 Psi)	10	8	2023	6Diax12	---	13	28.28	35	2772	---	Engraved
3	Columns (4000 Psi)	12	8	2023	6Diax12	---	13	28.28	41	3248	---	Engraved
4	Columns (4000 Psi)	12	8	2023	6Diax12	---	13	28.28	35	2772	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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5733  
 Dr. Umbreen

**To:** Manager, ABL-SIER P#12  
 AMCORP, Engineering & Construction (Pvt) Limited  
 Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12 (Pre-Cast Roof Beams 06 no's (RB # 13, 17 & 41 to 44)  
 Our Ref. No. CL/CED/ 2763      Dated: 25/8/2023      Test Specification  
 Your Ref. No. ABL-SIER-AMC-QAQC-43      Dated: 18/8/2023      ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **18/8/2023** Tested on: **25/8/2023** 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 No. 109	9	8	2023	6Diax12	---	13.8	28.28	51	4040	---	Non Engraved
2	Cylinder No. 110	9	8	2023	6Diax12	---	13.8	28.28	39	3089	---	Non Engraved
3	Cylinder No. 111	9	8	2023	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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5733  
 Dr. Umbreen

**To:** Manager, ABL-SIER P#12  
 AMCORP, Engineering & Construction (Pvt) Limited  
 Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12 (Short Columns 14 no's and Locker Room Walls)  
 Our Ref. No. CL/CED/ 2764      Dated: 25/8/2023      Test Specification  
 Your Ref. No. ABL-SIER-AMC-QAQC-38      Dated: 18/8/2023      (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **18/8/2023** Tested on: **25/8/2023** 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 No. 52	12	7	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	Cylinder No. 53	12	7	2023	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	Cylinder No. 54	12	7	2023	6Diax12	---	14.8	28.28	77	6099	---	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)
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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



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**Civil Engineering Department**  
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**ORIGINAL**  
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5753  
 Dr. Umbreen

**To:** Engr. Tanveer Afzal  
 General Manager- Blue Bricks, Blue Town Sapphire, Lahore

**Project:** Underground Electricity Distribution System at Blue town Sapphire Housing Scheme Lahore.

**Our Ref. No.** CL/CED/ 2765

**Dated:** 25/8/2023

**Test Specification**

**Your Ref. No.** BTS/Lab/00103

**Dated:** 16/8/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 22-08-23 **Tested on:** 25/8/2023 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	---	15	8	2023	6Diax12	---	13	28.28	23	1822	---	Non Engraved
2	---	15	8	2023	6Diax12	---	12.6	28.28	23	1822	---	Non Engraved
3	---	14	7	2023	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	---	14	7	2023	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
5	---	17	7	2023	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
6	---	17	7	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
7	---	7	8	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
8	---	7	8	2023	6Diax12	---	13.6	28.28	45	3564	---	Non Engraved
9	---	8	8	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
10	---	8	8	2023	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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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
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**Director/Dy. Director Concrete Laboratory**





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

5780  
 Dr. Umbreen

To: CW Manager  
 ARCON

Project: Structure (Column, DG, Raft & Solar)- Site ID USPSN22

Our Ref. No. CL/CED/ 2766

Dated: 25/8/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **24/8/2023** Tested on: **25/8/2023** 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	(1:1.5:3) and (1:4:8)	16	8	2023	6x6x6	---	8	36	114	7093	---	Non Engraved
2	(1:1.5:3) and (1:4:8)	16	8	2023	6x6x6	---	8.2	36	98	6098	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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



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**ORIGINAL**  
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5780  
 Dr. Umbreen

To: CW Manager  
 ARCON

Project: Structure (DG, Raft, Solar & Column)- Site ID USPSN12

Our Ref. No. CL/CED/ 2767

Dated: 25/8/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **24/8/2023** Tested on: **25/8/2023** 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	(1:1.5:3) and (1:4:8)	28	7	2023	6x6x6	---	8	36	114	7093	---	Non Engraved
2	(1:1.5:3) and (1:4:8)	28	7	2023	6x6x6	---	8.2	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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" dia x 12" 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.

5780  
 Dr. Umbreen

To: CW Manager  
 ARCON

Project: Structure (Raft, Column, DG & ODU)- Site ID 52622

Our Ref. No. CL/CED/ 2768

Dated: 25/8/2023

Test Specification

Your Ref. No. Nil

Dated: Nil

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **24/8/2023** Tested on: **25/8/2023** 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	(1:1.5:3) and (1:4:8)	8	8	2023	6x6x6	---	8	36	73	4542	---	Non Engraved
2	(1:1.5:3) and (1:4:8)	8	8	2023	6x6x6	---	8	36	81	5040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
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
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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

- 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.

5773  
 Dr. Umbreen

To: Rabbani Sons  
 Al-Rehman Garden, Lahore- Pakistan

Project: Mumtaz City Islamabad

Our Ref. No. CL/CED/ 2769

Dated: 25/8/2023

Test Specification

Your Ref. No. PSI/08/white/230822

Dated: 22/8/2023

( ---- )

**COMPRESSION TEST REPORT**



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

Specimens received on: 23/8/2023 Tested on: 25/8/2023 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	Solid Block	---	---	---	11.9 x 3.9 x 8	---	7	46.41	17	821	---	---	
2	Solid Block	---	---	---	11.9 x 3.9 x 8	---	7.4	46.41	20	965	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory