



**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.

4903  
 Dr. Umbreen

To: **ICON DEVELOPERS**  
 11-CCA Phase-4 DHA, Lahore.

Project: Monnoo Boarding House. (Client: Aitchison College Lahore.)

Our Ref. No. CL/CED/ 1430

Dated: 13-03-23

Test Specification

Your Ref. No. Nil

Dated: 04-03-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **07-03-23** Tested on: **13-03-23** 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	G.F. Slab (1:2:4), (3000 Psi)	4	2	2023	6Diax12	---	12.8	28.28	49	3881	---	Non Engraved
2	G.F. Slab (1:2:4), (3000 Psi)	4	2	2023	6Diax12	---	12.8	28.28	31	2455	---	Non Engraved
3	G.F. Slab (1:2:4), (3000 Psi)	4	2	2023	6Diax12	---	12.8	28.28	69	5465	---	Non Engraved
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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



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**ORIGINAL**  
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4925  
 Dr. Umbreen

**To: Mr. Manzoor Ashraf**  
 Project Manager, Zoli Garments Factory. (Zoli International Pvt. Ltd)  
 Project: Construction of Zoli Garment Factory Rana Nisar Ahmed Road Near Bhophtian Intersection  
 Defence Road, Lahore.  
 Our Ref. No. CL/CED/ 1431      Dated: 13-03-23  
 Your Ref. No. Nil      Dated: 09-03-23

**Test Specification**  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **09-03-23** Tested on: **13-03-23** 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	(3000 Psi)	6	2	2023	6Diax12	---	12.4	28.28	43	3406	---	Non Engraved
2	(3000 Psi)	6	2	2023	6Diax12	---	12.6	28.28	29	2297	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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**ORIGINAL**  
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4887  
 Dr. Umbreen

To: Engr. Hasnat Khalid Bajwa  
 Construction Manager, Zameen Aurum

Project: Construction of ZAMEEN AURUM at Plot No. 15 Block L, Gulberg III, Main Ferozpur Road, Lahore.

Our Ref. No. CL/CED/ 1432

Dated: 13-03-23

Test Specification

Your Ref. No. ZD/ZA/STR044

Dated: 03-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **03-03-23** Tested on: **13-03-23** 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	6000psi	1	2	2023	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
2	6000psi	1	2	2023	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
3	6000psi	2	2	2023	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
4	6000psi	2	2	2023	6Diax12	---	14.4	28.28	61	4832	---	Non Engraved
5	6000psi	3	2	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
6	6000psi	3	2	2023	6Diax12	---	14	28.28	75	5941	---	Non Engraved
7	6000psi	4	2	2023	6Diax12	---	14	28.28	100	7921	---	Non Engraved
8	6000psi	4	2	2023	6Diax12	---	14	28.28	98	7762	---	Non Engraved
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Witnessed by: Nil

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

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4911  
 Dr. Umbreen

To: Lab Engineer  
 Ittefaq Construction Services.

Project: Construction of Vital Tower at West Wood Society, Lahore.

Our Ref. No. CL/CED/ 1433

Dated: 13-03-23

Test Specification

Your Ref. No. ICS/H.O/AFM # 06-03/023

Dated: 07-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-03-23 Tested on: 13-03-23 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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft foundation	5	2	2023	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
2	Raft foundation	5	2	2023	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
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Witnessed by: Nil

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

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4935  
 Dr. M. Yousaf

**To:** Mr. Asif Ali Awan  
 Resident Engineer, Engineering Consultancy Services Punjab (Pvt.) Limited  
 Project: Infrastructure Development and Construction of Affordable Housing Units at Moza Rakh Paji, Tehsil Raiwind, District Lahore. (Contract No. AHU/333/01)  
 Our Ref. No. CL/CED/ 1434  
 Your Ref. No. ECSP/RE/LH/97

Dated: 13-03-23      Test Specification  
 Dated: 20-02-23      (----)

## COMPRESSION TEST REPORT



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

Specimens received on: **13-03-23** Tested on: **13-03-23** 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 Absorption (%)	Remarks
		DD	MM	YYYY									
1	Rectangular,Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3515	30.42	79	5817	---	---	
2	Rectangular,Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3455	30.42	51	3755	---	---	
3	Rectangular,Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3565	30.42	94	6922	---	---	
4	Rectangular,Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3630	30.42	96	7069	---	---	
5	Rectangular,Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3660	30.42	86	6333	---	---	
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Witnessed by: CNIC # 16101-1215427-7

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

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