



**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.

4794  
 Dr. M. Yousaf

To: Mr. Khalid Bashir  
 Ittefaq Building Solutions Pvt. Ltd. Lahore

Project: Tariq ahmad sheikh , House no.365-T, DHA-Phase6, Lahore

Our Ref. No. CL/CED/ 1284

Dated: 23-02-23

Test Specification

Your Ref. No. Nill

Dated: 31-01-23

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 16-02-23 Tested on: 23-02-23 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	K-11	---	---	---	8.9 x 4.3 x 3	3735	3280	38.27	30	1756	13.87	---	
2	K-11	---	---	---	8.8 x 4.3 x 3	3790	3350	37.84	37	2190	13.13	---	
3	K-11	---	---	---	8.8 x 4.3 x 2.9	3565	3280	37.84	58	3433	8.69	---	
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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)
- 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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To: Mr. Khalid Bashir  
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Project: Tariq ahmad sheikh , House no.365-T, DHA-Phase6, Lahore

Our Ref. No. CL/CED/ 1285

Dated: 23-02-23

Test Specification

Your Ref. No. Nill

Dated: 31-01-23

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 16-02-23 Tested on: 23-02-23 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	No.1	---	---	---	9 x 4.3 x 3	3945	3415	38.7	33	1910	15.52	---	
2	No.1	---	---	---	9 x 4.4 x 3.1	4045	3515	39.6	40	2263	15.08	---	
3	No.1	---	---	---	8.9 x 4.4 x 2.9	3835	3400	39.16	50	2860	12.79	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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- \* 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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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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4797  
 Dr. M. Yousaf

**To:** Gul Waqas Shahid  
 Unirazz Services, Lahore

**Project:** P.O.No2828 and 2829 for HVAC Trench/Workshop and Locker Room Works at Packages Real Estate (pvt) Ltd

**Our Ref. No.** CL/CED/ 1286

**Dated:** 23-02-23

**Test Specification**

**Your Ref. No.** USPL/UET/1502

**Dated:** 15-02-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 16-02-23 **Tested on:** 23-02-23 **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	USPL-A1	28	12	2022	6Diax12	---	12.8	28.28	48	3802	---	Engraved
2	USPL-A2	28	12	2022	6Diax12	---	13	28.28	47	3723	---	Engraved
3	USPL-A3	28	12	2022	6Diax12	---	12.8	28.28	50	3960	---	Engraved
0	---	---	---	---	---	---	---	---	---	---	---	---
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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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**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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4814  
Dr. M. Yousaf

To: Ali Builders Pvt. Ltd.  
Lahore

Project: Nil

Our Ref. No. CL/CED/ 1287

Your Ref. No. Nil

Dated: 23-02-23

Dated: 20-02-23

**Test Specification**

(ASTM C39)

## COMPRESSION TEST 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	3750 Psi	4	1	2023	6Diax12	---	13	28.28	52	4119	---	Engraved
2	3750 Psi	6	1	23	6Diax12	---	13	28.28	35	2772	---	Engraved
3	3750 Psi	6	1	23	6Diax12	---	13	28.28	38	3010	---	Engraved
0	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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4815  
 Dr. M. Yousaf

**To:** Mr. M. Adeel Shafqat, Project Manager  
 ZSK Associates, Multan Road, Lahore.

**Project:** Nil

**Our Ref. No.** CL/CED/ 1288

**Dated:** 23-02-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 20-02-23

(ASTM C39)

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 20-02-23 **Tested on:** 23-02-23 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	---	18	10	2022	6Diax12	---	12.6	28.28	43	3406	---	Non Engraved
2	---	20	10	2022	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	---	24	10	2022	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
4	---	7	11	2022	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
5	---	15	11	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
6	---	17	11	2022	6Diax12	---	13.8	28.28	87	6891	---	Engraved
7	---	20	11	2022	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
8	---	8	12	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
9	---	16	12	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
10	---	22	12	2022	6Diax12	---	13	28.28	56	4436	---	Non Engraved
11	---	12	1	2023	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
12	---				---	---	---	---	---	---	---	---
13	---				---	---	---	---	---	---	---	---
14	---				---	---	---	---	---	---	---	---
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16	---				---	---	---	---	---	---	---	---

**Witnessed by:** Nil

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**Director/Dy. Director Concrete Laboratory**



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4817  
 Dr. M. Yousaf

To: Engr. Sohail Bukhari, Project Coordinator  
 SINACO ENGINEERS Pvt. Ltd.

Project: TARIQ GLASS FURNANCE WORK

Our Ref. No. CL/CED/ 1289

Dated: 23-02-23

Test Specification

Your Ref. No. Nil

Dated: 18-02-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **21-02-23** Tested on: **23-02-23** 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	---	20	1	2023	6Diax12	---	13.4	28.28	67	5307	---	Engraved
2	---	20	1	2023	6Diax12	---	13.2	28.28	66	5228	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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4822  
 Dr. M. Yousaf

To: GULF ASSOCIATES  
 Sarwar Road, Lahore Cantt.

Project: 15 Div Concrete Track Cantt. Lahore

Our Ref. No. CL/CED/ 1290

Dated: 23-02-23

Test Specification

Your Ref. No. Nil

Dated: 21-02-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 21-02-23 Tested on: 23-02-23 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	---	14	2	2023	6Diax12	---	12.2	28.28	21	1663	---	Non Engraved
2	---	14	2	2023	6Diax12	---	12.2	28.28	23	1822	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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