



**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.

3080  
 Dr. Umbreen

**To:** Mr. Sohail Anjum, Project Manager  
 MS Tower Developers, J4 Lahore.

**Project:** Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

**Our Ref. No.** CL/CED/ 8485

**Dated:** 06-04-22

**Test Specification**

**Your Ref. No.** MST/UET/2022/C/002

**Dated:** 05-04-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 05-04-22 **Tested on:** 06-04-22 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 Psi	27	3	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	3000 Psi	27	3	2022	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**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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3080  
 Dr. Umbreen

**To:** Mr. Sohail Anjum, Project Manager  
 MS Tower Developers, J4 Lahore.

**Project:** Construction of MS Tower at Plot 450, 451 Johar Town, Lahore.

**Our Ref. No.** CL/CED/ 8486

**Dated:** 06-04-22

**Test Specification**

**Your Ref. No.** MST/UET/2022/C/003

**Dated:** 05-04-22

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 05-04-22 **Tested on:** 06-04-22 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 Psi	28	3	2022	6Diax12	---	12.4	28.28	23	1822	---	Non Engraved
2	3000 Psi	28	3	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**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

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**ORIGINAL**  
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3032  
 Dr. Aqsa

**To:** For and On Behalf of RNCE, Syed Usman Ali  
 Quality Control Engineer, Rizwan Nazir Consulting Engineers, ECOE-QATPL-Bhikki.

**Project:** Construction of Energy Centre of Excellence in QATPL, Bhikki, Sheikhpura.

**Our Ref. No.** CL/CED/ 8487

**Dated:** 06-04-22

**Test Specification**

**Your Ref. No.** UET/COE-QATPL/RNCE/005

**Dated:** 28-03-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 29-03-22 **Tested on:** 05-04-22 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	Ultra Super Plast 470	21	3	2022	6Diax12	---	12.4	28.28	40	3168	---	Non Engraved
2	Ultra Super Plast 470	21	3	2022	6Diax12	---	12.4	28.28	39	3089	---	Non Engraved
3	Ultra Super Plast 470	21	3	2022	6Diax12	---	12.8	28.28	35	2772	---	Non Engraved
4	Ultra Super Plast 470	17	3	2022	6Diax12	---	13	28.28	42	3327	---	Non Engraved
5	Ultra Super Plast 470	17	3	2022	6Diax12	---	12.8	28.28	40	3168	---	Non Engraved
6	Ultra Super Plast 470	17	3	2022	6Diax12	---	12.6	28.28	40	3168	---	Non Engraved
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2962  
 Dr. Umbreen

**To:** Shahid Masood  
 GHS Construction, Township, Lahore.

**Project:** Construction of TCF School Chiniot, Ahmad Shafi Campus.

**Our Ref. No.** CL/CED/ 8488

**Dated:** 06-04-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 18-03-22

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 18-03-22 **Tested on:** 04-04-22 **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	59	---	---	---	8.9 x 4.2 x 3	3440	2950	37.38	---	---	16.61	---
2	59	---	---	---	8.7 x 4.2 x 2.5	3225	2745	36.54	---	---	17.49	---
3	59	---	---	---	8.6 x 4.2 x 2.9	3405	2905	36.12	---	---	17.21	---
4	59	---	---	---	8.6 x 4.2 x 2.7	3425	2940	36.12	---	---	16.5	---
5	59	---	---	---	8.7 x 4.1 x 2.8	3360	2890	35.67	---	---	16.26	---
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Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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 Dr. Umbreen

To: **Shahid Masood**  
 GHS Construction, Township, Lahore.

Project: Construction of TCF School Chiniot, Ahmad Shafi Campus.

Our Ref. No. CL/CED/ 8489

Dated: 06-04-22

Test Specification

Your Ref. No. Nil

Dated: 18-03-22

( BS 3921\*\* )

**COMPRESSION TEST REPORT**



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

Specimens received on: **18-03-22** Tested on: **04-04-22** 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	59	---	---	---	8.9 x 4.2 x 2.8	---	2920	37.38	73	4375	---	---
2	59	---	---	---	8.7 x 4.2 x 2.9	---	2835	36.54	44	2697	---	---
3	59	---	---	---	8.7 x 4.2 x 2.8	---	2895	36.54	41	2513	---	---
4	59	---	---	---	8.8 x 4.2 x 2.8	---	2900	36.96	49	2970	---	---
5	59	---	---	---	8.8 x 4.2 x 2.8	---	2740	36.96	45	2727	---	---
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2962  
 Dr. Umbreen

To: **Shahid Masood**  
 GHS Construction, Township, Lahore.

Project: Construction of TCF School Samundari, Faisalabad.

Our Ref. No. CL/CED/ 8490

Dated: 06-04-22

Test Specification

Your Ref. No. Nil

Dated: 18-03-22

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: **18-03-22** Tested on: **04-04-22** 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	W-K	---	---	---	8.4 x 4.1 x 2.7	---	2785	34.44	39	2537	---	---
2	W-K	---	---	---	8.4 x 4.2 x 2.8	---	2720	35.28	49	3111	---	---
3	W-K	---	---	---	8.6 x 4.2 x 2.8	---	2850	36.12	35	2171	---	---
4	W-K	---	---	---	8.4 x 4.1 x 2.8	---	2835	34.44	51	3317	---	---
5	W-K	---	---	---	8.5 x 4 x 2.7	---	2900	34	53	3492	---	---
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 Dr. Umbreen

To: **Shahid Masood**  
 GHS Construction, Township, Lahore.

Project: Construction of TCF School Samundari, Faisalabad.

Our Ref. No. CL/CED/ 8491

Dated: 06-04-22

Test Specification

Your Ref. No. Nil

Dated: 18-03-22

( BS 3921\*\* )

**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
		DD	MM	YYYY								
1	W-K	---	---	---	8.6 x 4.1 x 2.8	3205	2890	35.26	---	---	10.9	---
2	W-K	---	---	---	8.6 x 4.2 x 2.8	2950	2610	36.12	---	---	13.03	---
3	W-K	---	---	---	8.5 x 4.1 x 2.7	3055	2710	34.85	---	---	12.73	---
4	W-K	---	---	---	8.5 x 4.1 x 2.7	3025	2685	34.85	---	---	12.66	---
5	W-K	---	---	---	8.6 x 4.1 x 2.8	2980	2655	35.26	---	---	12.24	---
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