



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.

3094
 Dr. Aqsa

To: Engr. Shafiq Ahmad, Resident Engineer
 New Vision Engineering Consultant, Lahore.

Project: Construction of ARC Furnance Foundation, Transformer Room, Control Panel Rooms and Cooling System in Steel Shops Mughalpura. (Contractor; M/S Energy Construction).

Our Ref. No. CL/CED/ 8568

Dated: 12-04-22

Test Specification

Your Ref. No. NVEC/RE/R-way/22/21

Dated: 07-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **07-04-22** Tested on: **12-04-22** 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	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	13.4	28.28	64	5069	---	Engraved
3	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	13.4	28.28	55	4356	---	Engraved
4	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	14	28.28	53	4198	---	Engraved
5	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	13.6	28.28	47	3723	---	Engraved
6	(1:1:2), 4000 Psi	1	4	2022	6Diax12	---	14	28.28	62	4911	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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"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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3111
 Dr. Qasim Khan

To: Muhammad 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/ 8569

Dated: 12-04-22

Test Specification

Your Ref. No. MST/UET/2022/C/007

Dated: 09-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-04-22 **Tested on:** 12-04-22 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	50, (3000 Psi)	2	4	2022	6Diax12	---	13	28.28	22	1743	---	Engraved
2	54, (3000 Psi)	2	4	2022	6Diax12	---	13.4	28.28	24	1901	---	Engraved
3	56, (3000 Psi)	2	4	2022	6Diax12	---	13	28.28	26	2059	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. Qasim Khan

To: Muhammad 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/ 8570

Dated: 12-04-22

Test Specification

Your Ref. No. MST/UET/2022/C/006

Dated: 09-04-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-04-22 **Tested on:** 12-04-22 **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	39, (3000 Psi)	1	4	2022	6Diax12	---	12.4	28.28	30	2376	---	Engraved
2	43, (3000 Psi)	1	4	2022	6Diax12	---	12.2	28.28	28	2218	---	Engraved
3	47, (3000 Psi)	1	4	2022	6Diax12	---	13	28.28	22	1743	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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