



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.

3267
 Dr. Rizwan Riaz

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/ 8811

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-027

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-05-22 **Tested on:** 18-05-22 **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 (58)	14	4	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	3000 Psi (61)	14	4	2022	6Diax12	---	13	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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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3267
 Dr. Rizwan Riaz

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/ 8812

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-028

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-05-22** Tested on: **18-05-22** 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 (67)	17	4	2022	6Diax12	---	13.8	28.28	43	3406	---	Non Engraved
2	3000 Psi (71)	17	4	2022	6Diax12	---	14.8	28.28	39	3089	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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3269
 Dr. Rizwan Riaz

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/ 8813

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-026

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-05-22 **Tested on:** 18-05-22 **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 (62)	2	4	2022	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
2	3000 Psi (52)	2	4	2022	6Diax12	---	13.8	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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 Dr. Rizwan Riaz

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/ 8814

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-025

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17-05-22** Tested on: **18-05-22** 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 (41)	1	4	2022	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
2	3000 Psi (42)	1	4	2022	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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- 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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 Dr. Rizwan Riaz

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/ 8815

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-024

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17-05-22** Tested on: **18-05-22** 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 (29)	30	3	2022	6Diax12	---	13	28.28	27	2139	---	Non Engraved
2	3000 Psi (33)	30	3	2022	6Diax12	---	13.4	28.28	39	3089	---	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
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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/ 8816

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-023

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 17-05-22 **Tested on:** 18-05-22 **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 (26)	28	3	2022	6Diax12	---	13	28.28	31	2455	---	Non Engraved
2	3000 Psi (35)	28	3	2022	6Diax12	---	13.4	28.28	33	2614	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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/ 8817

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-022

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17-05-22 **Tested on:** 18-05-22 **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 (16)	27	3	2022	6Diax12	---	13.4	28.28	43	3406	---	Non Engraved
2	3000 Psi (18)	27	3	2022	6Diax12	---	13.2	28.28	43	3406	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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 Dr. Rizwan Riaz

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/ 8818

Dated: 18-05-22

Test Specification

Your Ref. No. MST/UET/2022/C-021

Dated: 16-05-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **17-05-22** Tested on: **18-05-22** 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 (8)	26	3	2022	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	3000 Psi (11)	26	3	2022	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
3	3000 Psi (13)	26	3	2022	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory