



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.

3954
 Dr. Aqsa

To: Mr. M. Sohail Anjum, PM
 MS Tower, G4 Lahore

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

Our Ref. No. CL/CED/ 9965

Dated: 03/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-055

Dated: 26/09/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27/09/2022 Tested on: 03/10/2022 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	82 (3000 Psi)	27	8	2022	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	86 (3000 Psi)	27	8	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	88 (3000 Psi)	27	8	2022	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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3954
 Dr. Aqsa

To: Mr. M. Sohail Anjum, PM
 MS Tower, G4 Lahore

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

Our Ref. No. CL/CED/ 9966

Dated: 03/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-056

Dated: 26/09/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27/09/2022 Tested on: 03/10/2022 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	121 (3000 Psi)	20	9	2022	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
2	122 (3000 Psi)	20	9	2022	6Diax12	---	13.4	28.28	36	2851	---	Non Engraved
3	125 (3000 Psi)	20	9	2022	6Diax12	---	13.8	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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3954
 Dr. Aqsa

To: Mr. M. Sohail Anjum, PM
 MS Tower, G4 Lahore

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

Our Ref. No. CL/CED/ 9967

Dated: 03/10/2022

Test Specification

Your Ref. No. MST/UET/2022/C-057

Dated: 26/09/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27/09/2022 Tested on: 03/10/2022 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	97 (3000 Psi)	1	9	2022	6Diax12	---	13.4	28.28	37	2931	---	Non Engraved
2	98 (3000 Psi)	1	9	2022	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
3	99 (3000 Psi)	1	9	2022	6Diax12	---	13.8	28.28	28	2218	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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3985
 Dr. Aqsa

To: Mr. Muhammad Asif, Site Administrator
 Bismillah Developers, Main Ferozepur Road, Mustafabad (Laliani), Lahore.

Project: Marriage Hall Slab.

Our Ref. No. CL/CED/ 9968

Dated: 03/10/2022

Test Specification

Your Ref. No. Nil

Dated: 03/10/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 03/10/2022 **Tested on:** 03/10/2022 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	1	9	2022	6x6x6	---	8.6	36	58	3609	---	Engraved
2	3000 Psi	1	9	2022	6x6x6	---	8.4	36	57	3547	---	Engraved
3	3000 Psi	1	9	2022	6x6x6	---	8.4	36	55	3422	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3982
 Dr. Aqsa

To: Engr. Abdul Karim, Resident Engineer
 Allied Engineering Consultants (Pvt.) Ltd.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1)

Our Ref. No. CL/CED/ 9969

Dated: 03/10/2022

Test Specification

Your Ref. No. AEC/MBC/2022/222

Dated: 22/09/2022

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COMPRESSION TEST REPORT



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

Specimens received on: **03/10/2022** Tested on: **03/10/2022** 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 3.1	---	3745	30.42	113	8321	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3775	30.42	99	7290	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3770	30.42	113	8321	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3695	30.42	98	7216	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3720	30.42	116	8542	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3700	30.42	103	7584	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3941
 Dr. Aqsa

To: Engr. Sohail Zafar, Senior Engineer
 University of Education, Lahore, Engineering Cell. (M/S 7 Star Trading Company)

Project: Construction of New Room for Water Filtration Plant Near S&T Building at University of Education
 Lahore (Township Campus)
 Our Ref. No. CL/CED/ 9970

Dated: 03/10/2022

Test Specification

Your Ref. No. UE/Engg/SE/22/1353

Dated: 21/09/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **26/09/2022** Tested on: **03/10/2022** 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	Sword	---	---	---	8.7 x 4.3 x 2.9	---	3295	37.41	46	2754	---	---	
2	Sword	---	---	---	8.7 x 4.3 x 2.8	---	3270	37.41	46	2754	---	---	
3	Sword	---	---	---	8.8 x 4.3 x 3	---	3450	37.84	48	2841	---	---	
4	Sword	---	---	---	8.8 x 4.3 x 2.9	---	3335	37.84	48	2841	---	---	
5	Sword	---	---	---	8.9 x 4.3 x 3	---	3330	38.27	41	2400	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

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Director/Dy. Director Concrete Laboratory



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3970
 Dr. Aqsa

To: Mr. Aamir Shahzad Alvi, PM
 Usman Ibrahim Construction, CCA-124, Phase IV DHA, Lahore

Project: Construction of High-Q Mall and Offices at 3-A, Gulberg II, Lahore

Our Ref. No. CL/CED/ 9971

Dated: 03/10/2022

Test Specification

Your Ref. No. QC/HQ/CIVIL/23

Dated: 29/09/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 29/09/2022 **Tested on:** 03/10/2022 **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	6000 Psi	26	8	2022	6Diax12	---	14.4	28.28	79	6257	---	Non Engraved
2	6000 Psi	26	8	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
3	6000 Psi	26	8	2022	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
4	6000 Psi	31	8	2022	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
5	6000 Psi	31	8	2022	6Diax12	---	13.4	28.28	45	3564	---	Non Engraved
6	6000 Psi	31	8	2022	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
7	6000 Psi	1	9	2022	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
8	6000 Psi	1	9	2022	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
9	6000 Psi	1	9	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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