



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.

4503
 Dr. Umbreen

To: Mr. Maqsood Alam, Senior Manager (Civil)
 Systems Limited Lahore.

Project: Construction of Rear Tower Systems Limited.

Our Ref. No. CL/CED/ 802

Dated: 02-01-23

Test Specification

Your Ref. No. SYS-RT-UET-015

Dated: 30-12-22

(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	5th Floor Slab	26	11	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
2	5th Floor Slab	26	11	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
3	5th Floor Slab	26	11	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
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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
- *** 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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ORIGINAL
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4484
 Dr. Umbreen

To: Mr. Khalid M. Noon
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Project: Construction of 211C, Phase 8 DHA, Lahore.

Our Ref. No. CL/CED/ 803

Dated: 02-01-23

Test Specification

Your Ref. No. 211C/03

Dated: 27-12-22

(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	(1:2:4)	17	12	2022	6Diax12	---	12.4	28.28	23	1822	---	Non Engraved
2	(1:2:4)	17	12	2022	6Diax12	---	12.6	28.28	21	1663	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4504
 Dr. Umbreen

To: Site Engineer
 ENAARA Developers.

Project: Nil

Our Ref. No. CL/CED/ 804-1 of 2

Dated: 02-01-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 30/12/2022 Tested on: 02-01-23 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	4000 Psi	30	11	2022	6Diax12	---	14	28.28	49	3881	---	Non Engraved
2	4000 Psi	30	11	2022	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	6000 Psi	26	12	2022	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	6000 Psi	26	12	2022	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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4504
 Dr. Umbreen

To: Site Engineer.
 ENAARA Developers.

Project: Nil

Our Ref. No. CL/CED/ 804-2 of 2

Dated: 02-01-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

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	Solid Block	---	---	---	11.9 x 5.9 x 8	---	20.6	70.21	53	1691	---	---
2	Solid Block	---	---	---	12 x 6 x 8	---	19	72	31	964	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4483
 Dr. Umbreen

To: Mr. Waqas Ali Variant.

Project: Nil

Our Ref. No. CL/CED/ 805

Your Ref. No. VA/29/55

Dated: 02-01-23

Dated: 27-12-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27/12/2022 Tested on: 02-01-23 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	Upper Basement (Raft Pour-5)F,1	18	11	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	Upper Basement (Raft Pour-5)F,1	18	11	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
3	Upper Basement (Raft Pour-5)F,1	18	11	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4483
 Dr. Umbreen

To: Mr. Waqas Ali
 Variant.

Project: Nill

Our Ref. No. CL/CED/ 806

Your Ref. No. VA/29/54

Dated: 02-01-23

Dated: 27-12-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 27/12/2022 Tested on: 02-01-23 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	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4483
 Dr. Umbreen

To: Mr. Waqas Ali
 Variant.

Project: Nil

Our Ref. No. CL/CED/ 807

Dated: 02-01-23

Test Specification

Your Ref. No. VA/29/53

Dated: 27-12-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/12/2022 Tested on: 02-01-23 in dry/wet condition



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		DD	MM	YYYY								
1	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12	---	14	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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