



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.

2862
 Dr. Umbreen

To: Divisional Forest Officer
 Sialkot Forest Division.

Project: Construction of Residential Building of the Divisional Forest Officer Sialkot.

Our Ref. No. CL/CED/ 8203

Dated: 07-03-22

Test Specification

Your Ref. No. 134/AC

Dated: 17-02-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **01-03-22** Tested on: **07-03-22** 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	S	---	---	---	8.8 x 4.3 x 3	---	3080	37.84	45	2664	---	---
2	S	---	---	---	8.7 x 4.3 x 2.9	---	3020	37.41	43	2575	---	---
3	S	---	---	---	8.7 x 4.2 x 2.9	---	3070	36.54	51	3126	---	---
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



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ORIGINAL
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2846
 Dr. Umbreen

To: M. K. Jamil
 Principal Architect & CEO for Design Simulation.

Project: Allied Bank Building Rangpura Sialkot.

Our Ref. No. CL/CED/ 8204

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 25/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/2/2022 Tested on: 07-03-22 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	G.F Columns	10	1	2020	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	G.F Columns	10	1	2020	6Diax12	---	13	28.28	49	3881	---	Non Engraved
3	G.F Slab	28	2	2020	6Diax12	---	13	28.28	61	4832	---	Non Engraved
4	G.F Slab	28	2	2020	6Diax12	---	13	28.28	61	4832	---	Non Engraved
5	F.F Columns	14	3	2020	6Diax12	---	13	28.28	61	4832	---	Non Engraved
6	F.F Columns	14	3	2020	6Diax12	---	12.2	28.28	63	4990	---	Non Engraved
7	F.F Slab	24	4	2020	6Diax12	---	13	28.28	53	4198	---	Non Engraved
8	F.F Slab	24	4	2020	6Diax12	---	14	28.28	49	3881	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * 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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ORIGINAL
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2838
 Dr. Umbreen

To: Syed Abdul Jabbar
 GM Engineering, Cotton Web Ltd.

Project: Construction of New Office Building in Cotton Web Ltd.

Our Ref. No. CL/CED/ 8205

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 24/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/2/2022 Tested on: 07-03-22 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	Raft Concrete Pour 1 & 4	16	2	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	Raft Concrete Pour 1 & 4	16	2	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
3	Raft Concrete Pour 1 & 4	16	2	2022	6Diax12	---	13	28.28	49	3881	---	Non Engraved
4	Raft Concrete Pour 2 & 3	18	2	2022	6Diax12	---	13	28.28	67	5307	---	Non Engraved
5	Raft Concrete Pour 2 & 3	18	2	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
6	Raft Concrete Pour 2 & 3	18	2	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Director/Dy. Director Concrete Laboratory



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2834
 Dr. Umbreen

To: Baig Construction Co. Lahore.
 Rehmanpura, Lahore.

Project: Aitchison College Lab Lahore.

Our Ref. No. CL/CED/ 8206

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 24/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **24-02-22** Tested on: **07-03-22** 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	Column (3750 Psi)	16	2	2022	6Diax12	---	13	28.28	29	2297	---	Non Engraved
2	Column (3750 Psi)	16	2	2022	6Diax12	---	13	28.28	29	2297	---	Non Engraved
3	Column (3750 Psi)	16	2	2022	6Diax12	---	13	28.28	27	2139	---	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
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2834
 Dr. Umbreen

To: Baig Construction Co. Lahore.
 Rehmanpura, Lahore.

Project: Aitchison College Lab, Lahore.

Our Ref. No. CL/CED/ 8207

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 24/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/2/2022 Tested on: 07-03-22 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	Plinth Beam (3000 Psi)	15	2	2022	6Diax12	---	12.8	28.28	41	3248	---	Non Engraved
2	Plinth Beam (3000 Psi)	15	2	2022	6Diax12	---	12.2	28.28	39	3089	---	Non Engraved
3	Plinth Beam (3000 Psi)	15	2	2022	6Diax12	---	12.8	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1. 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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ORIGINAL
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2849
 Dr. Umbreen

To: M. Saleem Construction Company.
 Haq Bahoo Manzil, 1st Floor, Sheikhpura.

Project: Nil

Our Ref. No. CL/CED/ 8208

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 28/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/2/2022 **Tested on:** 07-03-22 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	F.F Roof Grid 3 to 4 Line B to F	22	2	2022	6Diax12	---	13.4	28.28	73	5782	---	Engraved	
2	F.F Roof Grid 3 to 4 Line B to F	22	2	2022	6Diax12	---	13.4	28.28	49	3881	---	Engraved	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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Director/Dy. Director Concrete Laboratory



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2849
 Dr. Umbreen

To: M. Saleem Construction Company.
 Haq Bahoo Manzil, 1st Floor, Sheikhpura.

Project: Nil

Our Ref. No. CL/CED/ 8209

Dated: 07-03-22

Test Specification

Your Ref. No. Nil

Dated: 28/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **28/2/2022** Tested on: **03-07-22** 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	F.F Beam B-1 Grid 1 Line B to F	20	2	2022	6Diax12	---	13.6	28.28	43	3406	---	Engraved	
2	F.F Beam B-1 Grid 1 Line B to F	20	2	2022	6Diax12	---	13.2	28.28	63	4990	---	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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