



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.

5008
 Dr. Qasim

To: Eng. Asad Rashid Choudhary, P.E.
 Speed Construction Management (SCM)

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town Lahore.

Our Ref. No. CL/CED/ 1610

Dated: 31/3/2023

Test Specification

Your Ref. No. SCM-CVP-09-23

Dated: 24/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/03/2023** Tested on: **31/3/2023** 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	Concrete Cylinder	17	3	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
2	Concrete Cylinder	17	3	2023	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	Concrete Cylinder	17	3	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	Concrete Cylinder	17	3	2023	6Diax12	---	13.4	28.28	40	3168	---	Engraved
5	Concrete Cylinder	17	3	2023	6Diax12	---	13.4	28.28	29	2297	---	Engraved
6	Concrete Cylinder	17	3	2023	6Diax12	---	13.2	28.28	41	3248	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5004
 Dr. Qasim

To: Mr. Muhammad Furqan
 Project Engineer, New Vision Engineering Consultant
 Project: Construction of RCC Over Head Water Tank at M-Block Quaid-e-Azam Industrial Estate Kot Lakhpat, Lahore.
 Our Ref. No. CL/CED/ 1611 Dated: 31/3/2023
 Your Ref. No. NVEC/HO/QIE/23/281 Dated: 22/3/2023

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2023 Tested on: 31/3/2023 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	Top Slab Cover OHWT (4000 Psi)	17	2	2023	6Diax12	---	14	28.28	82	6495	---	Non Engraved
2	Top Slab Cover OHWT (4000 Psi)	17	2	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	Top Slab Cover OHWT (4000 Psi)	17	2	2023	6Diax12	---	13	28.28	106	8396	---	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)
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5012
 Dr. Qasim

To: Resident Engineer (Civil) Model Bazaar Head Office Building
 Mascon Associates (Pvt) Ltd in Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building (3rd Floor Columns)

Our Ref. No. CL/CED/ 1612

Dated: 31/3/2023

Test Specification

Your Ref. No. MAC-HAC/23/PMBMC/LT/038

Dated: 27/3/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27/03/2023 **Tested on:** 31/3/2023 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	18	3	2023	6Diax12	---	14	28.28	43	3406	---	Non Engraved
2	3000 Psi	18	3	2023	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
3	3000 Psi	18	3	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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5035
 Dr. Qasim

To: Mr. Muhammad Imran Khan
 Material Engineer ECSP, MPA Hostel, Phase-II
 Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II. (M/s Iftikhar & Co.)
 Our Ref. No. CL/CED/ 1613 Dated: 31/3/2023 Test Specification
 Your Ref. No. 340/ECSP/MPA/ME/68 Dated: 29-03-23 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **30/03/2023** Tested on: **31/3/2023** 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	7th Floor Slab (1:2:4)	1	3	2023	6x6x6	---	9	36	53	3298	---	Engraved
2	7th Floor Slab (1:2:4)	1	3	2023	6x6x6	---	8.8	36	53	3298	---	Engraved
3	7th Floor Slab (1:2:4)	1	3	2023	6x6x6	---	8.6	36	56	3484	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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- ** 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" dia x 12" 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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5018
 Dr. Qasim

To: Mr. Mohammad Ashraf
 District Gujranwala.

Project: Construction of Residential House Block A # 239 DHA Rahbar Lahore.

Our Ref. No. CL/CED/ 1614

Dated: 31/3/2023

Test Specification

Your Ref. No. Nil

Dated: 28/3/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **28/3/2023** Tested on: **31/3/2023** 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	OK	---	---	---	8.9 x 4.4 x 2.9	---	2985	39.16	13	744	---	Fly Ash Brick	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

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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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5005
 Dr. Qasim

To: Mr. Irfan Ali
 Construction Manager, MEDEQUIPS (Pvt) Ltd Lhr

Project: MRI Building District Head Quarter (DHQ) Sahiwal

Our Ref. No. CL/CED/ 1615

Dated: 31/3/2023

Test Specification

Your Ref. No. Nil

Dated: 27/3/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/3/2023 Tested on: 31/3/2023 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	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.7	---	2690	36.12	28	1736	---	---	
2	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.7	---	2595	36.12	42	2605	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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4965
 Dr. Qasim

To: Abel Construction (Pvt) Ltd
 Lahore Cantt.

Project: Faisalabad Fiedmc

Our Ref. No. CL/CED/ 1616

Your Ref. No. Nil

Dated: 31/3/2023

Dated: Nil

Test Specification

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **16-03-23** Tested on: **31/3/2023** 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	21	---	---	---	8.9 x 4.3 x 2.9	---	2950	38.27	38	2224	---	---	
2	OK	---	---	---	8.8 x 4.3 x 2.8	---	3060	37.84	42	2486	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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Director/Dy. Director Concrete Laboratory



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4965
 Dr. Qasim

To: Abel Construction (Pvt) Ltd
 Lahore Cantt.

Project: Khanqa Dogra

Our Ref. No. CL/CED/ 1617

Your Ref. No. Nil

Dated: 31/3/2023

Dated: Nil

Test Specification

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **16-03-23** Tested on: **31/3/2023** 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	A66	---	---	---	8.6 x 4.1 x 2.8	---	2660	35.26	35	2223	---	---	
2	A77	---	---	---	8.8 x 4 x 2.8	---	2680	35.2	32	2036	---	---	
3	A33	---	---	---	8.5 x 4.2 x 2.8	---	2905	35.7	47	2949	---	---	
4	A79	---	---	---	8.7 x 4.3 x 2.7	---	2580	37.41	21	1257	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
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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" dia x 12" 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



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.

4982
 Dr. Qasim

To: Assistant Engineer (Civil)
 Building and Woks Department, UET Lahore.

Project: Extension of B&W Section at UET Lahore.

Our Ref. No. CL/CED/ 1618

Dated: 31/3/2023

Test Specification

Your Ref. No. B&W/AEN(C)/EBW/01

Dated: 16/3/2023

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **20-03-23** Tested on: **31/3/2023** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY									
1	ABC	---	---	---	8.8 x 4.3 x 3	3565	3090	37.84	49	2901	15.37	---	
2	ABC	---	---	---	8.8 x 4.4 x 2.9	3785	3280	38.72	42	2430	15.4	---	
3	ABC	---	---	---	8.9 x 4.3 x 2.9	3615	3190	38.27	38	2224	13.32	---	
4	ABC	---	---	---	8.8 x 4.4 x 3	3695	3195	38.72	55	3182	15.65	---	
5	ABC	---	---	---	8.9 x 4.4 x 2.8	3400	2945	39.16	52	2974	15.45	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

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Supervisor (Lab)

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