



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.

5480
 Engr. Ubaid

To: Mr. Abdul Kareem Tahir
 Head Coordination and Development, Adabistan-e-Soophia School.

Project: Nil

Our Ref. No. CL/CED/ 2287-2 of 2

Dated: 06-07-23

Test Specification

Your Ref. No. AES/23/16208

Dated: 26-06-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **27/6/2023** Tested on: **06-07-23** 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	---	4	6	2023	6Diax12	---	14	28.28	46	3644	---	Non Engraved
2	---	4	6	2023	6Diax12	---	14.4	28.28	43	3406	---	Non Engraved
3	---	4	6	2023	6Diax12	---	14	28.28	37	2931	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- ** 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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5490
 Engr. Ubaid

To: Mr. Shahid Mahmood
 Mohallah Cantt. View Housing Society Lahore Cantt. District, Lahore.

Project: Construction of Plot No. 195, Block-N, Phase-8, DHA Lahore.

Our Ref. No. CL/CED/ 2303

Dated: 06-07-23

Test Specification

Your Ref. No. Nil

Dated: 06-07-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 06-07-23 Tested on: 06-07-23 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	Solid Block	---	---	---	12 x 7.8 x 8	---	29	93.6	59	1412	---	---	
2	---	---	---	---	---	---	---	---	---	---	---	---	
3	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. Ghulam Murtaza, CNIC # 35201-0698797-1

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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5489
 Engr. Ubaid

To: Accounts Office, Al-Quddus Developers
 Luxurion Gardens, Canal Road Muridke.

Project: (Column & Beam of O.H.W Tank at Luxurion Gardens, Muridke.

Our Ref. No. CL/CED/ 2304

Dated: 06-07-23

Test Specification

Your Ref. No. Nil

Dated: 05-07-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 06-07-23 **Tested on:** 06-07-23 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	(3000 Psi)	22	6	2023	6x6x6	---	8	36	30	1867	---	Engraved
2	(3000 Psi)	22	6	2023	6x6x6	---	8	36	32	1991	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Waseem, CNIC # 35201-1328016-3

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

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Director/Dy. Director Concrete Laboratory



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5491
 Dr. Mazhar

To: Engr. Haseeb Afzal, Project Manager
 HMB Developers (Pvt) Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 2305

Dated: 07-07-23

Test Specification

Your Ref. No. HMBDPL/S.O/05/23/50th (LHR)

Dated: 06-07-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **06-07-23** Tested on: **06-07-23** 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	C-08 (3500psi)	5	6	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	C-08 (3500psi)	5	6	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	C-08 (3500psi)	5	6	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC # 35201-8931685-1

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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Director/Dy. Director Concrete Laboratory



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5491
 Dr. Mazhar

To: Engr. Haseeb Afzal, Project Manager
 HMB Developers (Pvt) Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 2306

Dated: 07-07-23

Test Specification

Your Ref. No. HMBDPL/S.O/05/23/49th (LHR)

Dated: 06-07-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **06-07-23** Tested on: **06-07-23** 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	C-07 (6000psi)	5	6	2023	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	C-07 (6000psi)	5	6	2023	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
3	C-07 (6000psi)	5	6	2023	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC # 35201-8931685-1

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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Director/Dy. Director Concrete Laboratory



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5491
 Dr. Mazhar

To: Engr. Haseeb Afzal, Project Manager
 HMB Developers (Pvt) Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 2307

Dated: 07-07-23

Test Specification

Your Ref. No. HMBDPL/S.O/05/23/48th (LHR)

Dated: 06-07-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06-07-23 Tested on: 06-07-23 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	C-05 (3500psi)	2	6	2023	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
2	C-05 (3500psi)	2	6	2023	6Diax12	---	13	28.28	39	3089	---	Non Engraved
3	C-05 (3500psi)	2	6	2023	6Diax12	---	12.6	28.28	33	2614	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC # 35201-8931685-1

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory