



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.

4257
 Dr. Mazhar

To: Mr. Aamir Shahzad Alvi
 Project Manager, Usman Ibrahim Construction

Project: Construction of HIGH-Q Mall & Offices at 3-A, Gulberg II, Lahore.

Our Ref. No. CL/CED/ 446

Dated: 23/11/2022

Test Specification

Your Ref. No. QC/HQ/CIVIL/39

Dated: 16/11/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **16/11/2022** Tested on: **23/11/2022** 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	Lift & Shear Walls (8000 psi)	18	10	2022	6Diax12	---	14	28.28	110	8713	---	Non Engraved
2	Lift & Shear Walls (8000 psi)	18	10	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	Lift & Shear Walls (8000 psi)	18	10	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
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Witnessed by: CNIC # 13101-1036800-1

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"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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4294
 Dr. Mazhar

To: Sub Divisional Officer
 Public Health Engg: Sub Division: Kamalia
 Project: Drainage, Sewerage, Soling / Resoling, Tuff Tiles, Drains & Bridges in Tehsil Kamalia District Toba Tek Singh. (Package No.1)
 Our Ref. No. CL/CED/ 447
 Your Ref. No. 76/K

Dated: 23/11/2022 Test Specification
 Dated: 05-10-22 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 22/11/2022 Tested on: 23-11-22 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	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2615	29.26	138	10565	---	National Pavers	
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2535	29.26	96	7349	---	National Pavers	
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2600	29.26	86	6584	---	National Pavers	
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2520	29.26	90	6890	---	National Pavers	
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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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Director/Dy. Director Concrete Laboratory



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4294
 Dr. Mazhar

To: Sub Divisional Officer
 Public Health Engg: Sub Division: Kamalia
 Project: Drainage, Sewerage, Soling / Resoling, Tuff Tiles, Drains & Bridges in Tehsil Kamalia District Toba Tek Singh. (Package No.2)
 Our Ref. No. CL/CED/ 448
 Your Ref. No. 155/k

Dated: 23/11/2022 Test Specification
 Dated: 15-11-22 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **22/11/2022** Tested on: **23-11-22** 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	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2670	29.26	140	10718	---	National Pavers	
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2600	29.26	106	8115	---	National Pavers	
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2605	29.26	112	8574	---	National Pavers	
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2570	29.26	81	6201	---	National Pavers	
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4291
 Dr. Mazhar

To: Prof. Dr. Engr. Abdullah Yasar
 Campus Engineer, Engineering Cell, GC University Lahore

Project: Construction of Library GC University, Kala Shah Kaku Campus, Lahore.

Our Ref. No. CL/CED/ 449

Dated: 23/11/2022

Test Specification

Your Ref. No. GCU/Engr/3000/P

Dated: 16-11-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 21/11/2022 Tested on: 23-11-22 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	7UP	---	---	---	8.5 x 4.3 x 2.9	---	2515	36.55	33	2022	---	---
2	7UP	---	---	---	8.6 x 4.2 x 2.8	---	2625	36.12	43	2667	---	---
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4276
 Dr. Mazhar

To: Prof. Dr. Engr. Abdullah Yasar
 Campus Engineer, Engineering Cell, GC University Lahore

Project: Construction of Sheikh Abul Hasan Al-Shadhili Research Centre on Sufism, Science & Technology
 GC University Kala Shah Kaku Campus Lahore

Our Ref. No. CL/CED/ 450

Dated: 23/11/2022

Test Specification

Your Ref. No. GCU/Engr/3000/P

Dated: 16-11-22

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 18-11-22 Tested on: 23-11-22 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	ZS	---	---	---	8.8 x 4.3 x 2.9	---	3260	37.84	42	2486	---	---
2	ZS	---	---	---	8.8 x 4.3 x 3	---	3195	37.84	38	2249	---	---
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4276
 Dr. Mazhar

To: Prof. Dr. Engr. Abdullah Yasar
 Campus Engineer, Engineering Cell, GC University Lahore

Project: Construction of Sheikh Abul Hasan Al-Shadhili Research Centre on Sufism, Science & Technology
 GC University Kala Shah Kaku Campus Lahore

Our Ref. No. CL/CED/ 451

Dated: 23/11/2022

Test Specification

Your Ref. No. GCU/Engr/3000/P

Dated: 16-11-22

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 18-11-22 Tested on: 23-11-22 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	---	---	---	8.6 x 4.3 x 2.8	---	3050	36.98	38	2302	---	---
2	S	---	---	---	8.7 x 4.3 x 2.8	---	3150	37.41	46	2754	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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