



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.

3501
 Dr. Umbreen

To: Mr. Muhammad Tahir Yaseen
 C.E.O, Elco Enterprises, Shan Arcade, 5th Floor Flat No. 13, New Garden Town, Lahore.

Project: Construction of ABL, G.T Road Branch, Allahabad.

Our Ref. No. CL/CED/ 9282

Dated: 04/07/2022

Test Specification

Your Ref. No.

ABL/Cylinder Test./G. Floor Slab/Allahabad/2022

Dated: 27/6/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28/6/2022 Tested on: 04/07/2022 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	GF Slab (1:2:4)	31	5	2022	6Diax12	---	12.4	28.28	45	3564	---	Non Engraved
2	GF Slab (1:2:4)	31	5	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
3	GF Slab (1:2:4)	31	5	2022	6Diax12	---	13	28.28	45	3564	---	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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3503
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division, Hafizabad

Project: Upgradation of D.H.Q Hospital Hafizabad (Group No.1) Construction of Main Hospital Block No. 1 I/C covered passage between Block No.1 & Block No.2.

Our Ref. No. CL/CED/ 9283

Dated: 04/07/2022

Test Specification

Your Ref. No. 1369/HZ

Dated: 16/6/2022

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 28/6/2022 **Tested on:** 04/07/2022 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	RCC Footing Beam (1:2:4)	13	5	2022	6 x 6 x 6	---	8	36	69	4293	---	Non Engraved
2	RCC Footing Beam (1:2:4)	13	5	2022	6 x 6 x 6	---	8.2	36	67	4169	---	Non Engraved
3	RCC Footing Beam (1:2:4)	13	5	2022	6 x 6 x 6	---	8.8	36	83	5164	---	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

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3503
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division, Hafizabad

Project: Upgradation of D.H.Q Hospital Hafizabad (Group No.1) Construction of Main Hospital Block No. 1
 I/C covered passage between Block No.1 & Block No.2.

Our Ref. No. CL/CED/ 9284

Dated: 04/07/2022

Test Specification

Your Ref. No. 1289/HZ

Dated: 31/5/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 28/6/2022 Tested on: 04/07/2022 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	RCC Footing (1:2:4)	26	4	2022	6 x 6 x 6	---	8.4	36	67	4169	---	Non Engraved
2	RCC Footing (1:2:4)	26	4	2022	6 x 6 x 6	---	8.4	36	67	4169	---	Non Engraved
3	RCC Footing (1:2:4)	26	4	2022	6 x 6 x 6	---	8.2	36	63	3920	---	Non Engraved
4	RCC Footing (1:2:4)	29	4	2022	6 x 6 x 6	---	8.4	36	86	5351	---	Non Engraved
5	RCC Footing (1:2:4)	29	4	2022	6 x 6 x 6	---	8.4	36	94	5849	---	Non Engraved
6	RCC Footing (1:2:4)	29	4	2022	6 x 6 x 6	---	8.4	36	100	6222	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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3500
 Dr. Umbreen

To: Civil Engineer
 The Cooperative Model Town Society (1962) Ltd. Lahore.

Project: Modification of Multiplex Building into Society Head Office.

Our Ref. No. CL/CED/ 9285

Dated: 04/07/2022

Test Specification

Your Ref. No. Nil

Dated: Nil

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 28/6/2022 Tested on: 04/07/2022 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	Footing Concrete	23	5	2022	6 x 6 x 6	---	8.4	36	47	2924	---	Engraved
2	Footing Concrete	23	5	2022	6 x 6 x 6	---	8.2	36	43	2676	---	Engraved
3	Column Concrete	27	5	2022	6 x 6 x 6	---	8.2	36	53	3298	---	Non Engraved
4	Column Concrete	27	5	2022	6 x 6 x 6	---	8.2	36	55	3422	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- ** 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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ORIGINAL
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3512
 Dr. Umbreen

To: Mr. Altaf Hussain
 M.E, M/S AS Enterprises, Karachi (Consultant: AA Associates)

Project: Style Textile Mill Raiwind Road (65Chak)

Our Ref. No. CL/CED/ 9286

Dated: 04/07/2022

Test Specification

Your Ref. No. STR/ASE/12

Dated: 29/6/2022

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 29/6/2022 **Tested on:** 04/07/2022 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	Lab # 876	1	6	2022	6 x 6 x 6	---	8	36	108	6720	---	Non Engraved
2	Lab # 876	1	6	2022	6 x 6 x 6	---	8	36	100	6222	---	Non Engraved
3	Lab # 876	1	6	2022	6 x 6 x 6	---	8	36	100	6222	---	Non Engraved
4	Lab # 877	1	6	2022	6 x 6 x 6	---	8	36	86	5351	---	Non Engraved
5	Lab # 877	1	6	2022	6 x 6 x 6	---	8.2	36	88	5476	---	Non Engraved
6	Lab # 877	1	6	2022	6 x 6 x 6	---	8	36	82	5102	---	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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3496
 Dr. Umbreen

To: Sub Divisional Officer
 Public Health Engineering Sub Division Kamalia

Project: Drainage, Sewerage, Soling/Resoling, Tuff Tiles, Drains & Bridges in Tehsil Kamalia District T.T. Singh (ADP 1956) (M/S Muhammad Hanif Anjum, Govt. Contractor).
Our Ref. No. CL/CED/ 9287

Dated: 04/07/2022

Test Specification

Your Ref. No. 3358/K

Dated: 21/6/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 04/07/2022 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	Rectangular, Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	124	9371	---	---
2	Rectangular, Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	108	8162	---	---
3	Rectangular, Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2755	29.64	114	8615	---	---
4	Rectangular, Grey 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2840	29.64	98	7406	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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3497
 Dr. Umbreen

To: Sub Divisional Officer
 Public Health Engineering Sub Division Toba Tek Singh

Project: Providing and Laying Tuff Tiles from General Bus Stand Towards Mustafa Abad Road, Toba Tek Singh City (CPD-III) (M/S Kashif Builders & Construction, Govt. Contractor).

Our Ref. No. CL/CED/ 9288

Dated: 04/07/2022

Test Specification

Your Ref. No. 179/PHE-SD-TTS

Dated: 28/5/2022

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 27/6/2022 **Tested on:** 04/07/2022 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	Rectangular, Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3580	29.64	86	6499	---	---
2	Rectangular, Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3640	29.64	86	6499	---	---
3	Rectangular, Grey 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	83	6273	---	---
4	Rectangular, Red 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3500	29.64	100	7557	---	---
5	Rectangular, Red 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3525	29.64	100	7557	---	---
6	Rectangular, Red 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3590	29.64	104	7860	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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