



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.

1939
Dr.Umbreen

To: M/s Muzaffar Sons
Construction Private Limited, Lahore.

Project: Shahbaz Garments

Our Ref. No. CL/CED/ 5037

Dated: 29-09-21

Test Specification

Your Ref. No. No.SGL/09/21

Dated: 21-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 27-09-21 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 Column (1:1.5:3)	9	7	2021	6x6x6	---	8.8	36	75	4667	---	Non Engraved
2	RCC Column (1:1.5:3)	9	7	2021	6x6x6	---	8.8	36	88	5476	---	Non Engraved
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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"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



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan

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Mobile: 0307-0496895

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Our Ref. No. CL/CED/ 5038

Dated: 29-09-21

Test Specification

Your Ref. No. No.SGL/09/21

Dated: 21-09-21

(BS 1881-116)

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Specimens received on: 21-09-21 Tested on: 27-09-21 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 Slab & Beam (1:2:4)	14	8	2021	6x6x6	---	9	36	55	3422	---	Non Engraved
2	RCC Slab & Beam (1:2:4)	14	8	2021	6x6x6	---	9	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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Dr.Umbreen

To: M/s Muzaffar Sons
Construction Private Limited, Lahore.

Project: Shahbaz Garments

Our Ref. No. CL/CED/ 5039

Dated: 29-09-21

Test Specification

Your Ref. No. No.SGL/09/21

Dated: 21-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 27-09-21 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 RA Ducts (1:2:4)	17	7	2021	6x6x6	---	8.8	36	69	4293	---	Non Engraved
2	RCC RA Ducts (1:2:4)	17	7	2021	6x6x6	---	8.6	36	67	4169	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Dr.Umbreen

To: M/s Muzaffar Sons
Construction Private Limited, Lahore.

Project: Shahbaz Garments

Our Ref. No. CL/CED/ 5040

Dated: 29-09-21

Test Specification

Your Ref. No. No.SGL/09/21

Dated: 21-09-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 27-09-21 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 Columns (1:1.5:3)	4	8	2021	6x6x6	---	8.4	36	64	3982	---	Non Engraved
2	RCC Columns (1:1.5:3)	4	8	2021	6x6x6	---	8.6	36	69	4293	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL

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1868

Dr. Mazar Saleem

To: Mr. Zian ul Abadeen (PD)
M/s Majeed Associates (Pvt.) Ltd. Karachi

Project: ABL Warehouse Pakpattan Sahiwal

Our Ref. No. CL/CED/ 5041

Dated: 29-09-21

Test Specification

Your Ref. No. Nil

Dated: 07-09-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 09-09-21 Tested on: 29-09-21 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	97	---	---	---	8.8x4.3x2.8	3206	2865	37.84	29	1717	11.9	---
2	97	---	---	---	8.8x4.3x2.7	3228	2890	37.84	37	2190	11.7	---
3	97	---	---	---	8.9x4.3x2.8	3269	2930	38.27	41	2400	11.57	---
4	97	---	---	---	8.8x4.3x2.7	3336	2978	37.84	41	2427	12.02	---
5	97	---	---	---	8.8x4.3x2.8	3243	2898	37.84	23	1362	11.9	---
6	97	---	---	---	8.9x4.3x2.8	3340	2989	38.27	33	1932	11.74	---
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1938
Dr. Mazar Saleem

To: Mr.M. Muzaffar Khan
Deputy Director Development Vehari
Project: Construction of M/R From Bees Line Petroleum Pump to Chak No. 184/WB Gharbi Via Dera Allah Bux Tarrar, Length 2.00 KM District Vehari
Our Ref. No. CL/CED/ 5041 Dated: 29-09-21
Your Ref. No. No. 18/6-Mont-DD(DEV)Vehari/2021-22 Dated: 18-09-21

Test Specification
(----)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 29-09-21 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)	---	---	---	8.8x4.3x2.8	---	3080	37.84	73	4321	---	---
2	Machine Made (Double Line)	---	---	---	8.7x4.3x2.7	---	3020	37.41	69	4132	---	---
3	Machine Made (Double Line)	---	---	---	8.8x4.3x2.8	---	3080	37.84	57	3374	---	---
4	Machine Made (Double Line)	---	---	---	8.8x4.3x2.7	---	3075	37.84	49	2901	---	---
5	Machine Made (Double Line)	---	---	---	8.7x4.2x2.8	---	3035	36.54	63	3862	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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1686
Dr. M. Yousaf

To: Assistant Director (Tech)
Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

Project: Regular Enquiry 818/18

Our Ref. No. CL/CED/ 5043

Dated: 29-09-21

Test Specification

Your Ref. No. ACE-BR(ADT)21/639

Dated: 02-08-21

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 05-08-21 Tested on: 17-09-21 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)	---	---	---	8.8x4.3x2.7	---	2695	37.84	85	5032	---	Used Brick
2	Machine Made (Double Line)	---	---	---	8.7x4.3x2.8	---	2570	37.41	31	1856	---	Used Brick
3	Machine Made (Double Line)	---	---	---	8.8x4.3x2.8	---	2510	37.84	56	3315	---	Used Brick
4	Machine Made (Double Line)	---	---	---	8.7x4.4x2.9	---	2670	38.28	36	2107	---	Used Brick
5	Machine Made (Double Line)	---	---	---	8.8x4.3x2.8	---	2710	37.84	61	3611	---	Used Brick
6	Machine Made (Double Line)	---	---	---	8.6x4.4x2.8	---	2648	37.84	25	1480	---	Used Brick
7	---	---	---	---	---	---	---	---	---	---	---	---
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1686
Dr. M. Yousaf

To: Assistant Director (Tech)
Anti-Corruption Establishment, Bahawalpur Region, Bahawalpur

Project: Regular Enquiry 798/18

Our Ref. No. CL/CED/ 5044

Dated: 29-09-21

Test Specification

Your Ref. No. ACE-BR(ADT)21/638

Dated: 02-08-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-08-21 Tested on: 17-09-21 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)	---	---	---	8.7x4.2x2.8	---	2645	36.54	36	2207	---	Used Brick
2	Machine Made (Double Line)	---	---	---	8.8x4.3x2.9	---	2470	37.84	48	2841	---	Used Brick
3	Machine Made (Double Line)	---	---	---	8.7x4.3x2.9	---	2568	37.41	43	2575	---	Used Brick
4	Machine Made (Double Line)	---	---	---	8.8x4.3x3.0	---	2662	37.84	43	2545	---	Used Brick
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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



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.

1917

Dr. Umbreen

To: Project Manager
Q-Link Property Management (Pvt.) Ltd. Lahore.

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 5045

Dated: 29-09-21

Test Specification

Your Ref. No. QLC-BO-BH2-2021-065

Dated: 16-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 16-09-21 Tested on: 27-09-21 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 Beam (3000) Psi	16	8	2021	6Diax12	---	14	28.28	47	3723	---	Engraved
2	Footing Beam (3000) Psi	16	8	2021	6Diax12	---	14	28.28	43	3406	---	Engraved
3	Footing Beam (3000) Psi	16	8	2021	6Diax12	---	13.4	28.28	51	4040	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory