



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.

7217
Dr. M. Mazhar

To: Deputy Director (Tech)
Anti-Corruption Establishment Lahore Region-B

Project: Testing of Brick Samples Collected During Site Visit in Connection with Enquiry No. 61/22 Kasur.
Construction of Arazi Record Center at Tehsil Chunian District Kasur.

Our Ref. No. CL/CED/ 5025

Dated: 05/06/2024

Test Specification

Your Ref. No. ACE-LR-B-16

Dated: 24/05/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 24/5/2024 Tested on: 05/06/2024 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	PK	---	---	---	8.9 x 4.2 x 3	3735	3275	37.38	40	2397	14.05	Used Brick
2	PK	---	---	---	8.9 x 4.2 x 3	3730	3400	37.38	48	2876	9.71	Used Brick
3	PK	---	---	---	9 x 4.2 x 2.9	3805	3275	37.8	48	2844	16.18	Used Brick
4	PK	---	---	---	9 x 4.2 x 3	3800	3335	37.8	52	3081	13.94	Used Brick
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
- **** AC1318-08 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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7210
Dr. M. Mazhar

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Restoration of Road Cut for Water Drain at Building Side and Up-gradation of Existing Services to Fiber Internet Service (Flash Fiber) at H, H-1, H-2, H-3, G-4 L&P Blocks along with Abdul Haque Road Nazaria-
Pakistan Avenue Emporium/ Expo Round about
Our Ref. No. CL/CED/ 5026

Your Ref. No. 4084/103/MUR/104/1855

Dated: 05/06/2024

Test Specification

Dated: 22/5/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 23/5/2024 Tested on: 05/06/2024 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	MB	---	---	---	8.8 x 4.2 x 2.9	3510	3135	36.96	36	2182	11.96	---
2	MB	---	---	---	8.9 x 4.2 x 2.9	3550	3160	37.38	46	2757	12.34	---
3	MB	---	---	---	8.9 x 4.3 x 2.8	3530	3120	38.27	37	2166	13.14	---
4	MB	---	---	---	8.7 x 4.2 x 2.8	3600	3215	36.54	30	1839	11.98	---
5	MB	---	---	---	8.9 x 4.3 x 2.8	3590	3195	38.27	32	1873	12.36	---
6	MB	---	---	---	8.9 x 4.2 x 2.9	3615	3215	37.38	40	2397	12.44	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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7221
Dr. M. Mazhar

To: Executive Engineer (B&W)
UVAS, Lahore

Project: Construction of Clinical Facilities Building at CVAS Jhang. (M/S M. Ashraf & Sons)

Our Ref. No. CL/CED/ 5027

Dated: 05/06/2024

Test Specification

Your Ref. No. E.E. 829A

Dated: 05/03/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 27/5/2024 Tested on: 05/06/2024 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	D5	---	---	---	8.8 x 4.2 x 2.9	3770	3345	36.96	40	2424	12.71	---
2	D5	---	---	---	8.8 x 4.2 x 3	3890	3275	36.96	42	2545	18.78	---
3	D5	---	---	---	8.8 x 4.2 x 2.8	3460	3260	36.96	45	2727	6.13	---
4	D5	---	---	---	8.8 x 4.2 x 3	3830	3365	36.96	42	2545	13.82	---
5	D5	---	---	---	8.9 x 4.1 x 2.9	3700	3325	36.49	46	2824	11.28	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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"dia x 12" cylinder) strength at 28 days as compressive strength

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ORIGINAL
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7225
Dr. M. Mazhar

To: Jaffar Builders, Engineers & Contractors
Ring Road, Northern Bypass Basti Panjay Wala, Muzaffargarh.

Project: Coca Cola Export New Land

Our Ref. No. CL/CED/ 5028

Dated: 05/06/2024

Test Specification

Your Ref. No. Nil

Dated: 27/5/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/5/2024 Tested on: 05/06/2024 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	RSB	---	---	---	8.9 x 4.1 x 2.9	---	3050	36.49	44	2701	---	---
2	RSB	---	---	---	8.9 x 4.4 x 2.9	---	3190	39.16	42	2402	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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7216
Dr. M. Mazhar

To: Director ADS-I
LDA, Lahore.

Project: Development of Signal free Corridor from Main Boulevard Gulberg (Center Point) to Walton Road (Defence Morr), Construction of Additional Sump Well for Khan Colony Lahore Cantt

Our Ref. No. CL/CED/ 5029

Dated: 05/06/2024

Test Specification

Your Ref. No. D(ADS-I)/LDA/313

Dated: 23/5/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 24/5/2024 Tested on: 05/06/2024 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	M	---	---	---	8.6 x 4.2 x 2.7	3355	3010	36.12	50	3101	11.46	---
2	M	---	---	---	8.8 x 4.2 x 2.8	3580	3145	36.96	32	1939	13.83	---
3	M	---	---	---	8.5 x 4.1 x 2.8	3255	2935	34.85	48	3085	10.9	---
4	M	---	---	---	8.4 x 4.2 x 2.6	3305	2970	35.28	44	2794	11.28	---
5	M	---	---	---	8.8 x 4.1 x 2.9	3465	3035	36.08	34	2111	14.17	---
6	M	---	---	---	8.6 x 4.1 x 2.8	3330	2990	35.26	44	2795	11.37	---
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7233
Dr. M. Mazhar

To: Mr. M. Umair Yasir
Assistant Resident Engineer, Package-I (PCP) Daska

Project: Rehabilitation of 36" i/d Damaged Sewer Line along Stadium Road in Daska City, (Package-I)

Our Ref. No. CL/CED/ 5030

Dated: 05/06/2024

Test Specification

Your Ref. No. DSK/CON/1094/SW//176/2024

Dated: 26/5/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29/5/2024 Tested on: 05/06/2024 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	Uni-Block, Grey, 80mm	---	---	---	3 thick	---	4385	37.44	139	8316	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3 thick	---	4515	37.44	155	9274	---	---
3	Uni-Block, Red, 80mm	---	---	---	3 thick	---	4510	37.44	160	9573	---	---
4	Uni-Block, Grey, 80mm	---	---	---	3 thick	---	4590	37.44	165	9872	---	---
5	Uni-Block, Red, 80mm	---	---	---	3 thick	---	4545	37.44	160	9573	---	---
6	Uni-Block, Grey, 80mm	---	---	---	3 thick	---	4580	37.44	155	9274	---	---
7	Uni-Block, Grey, 80mm	---	---	---	3 thick	---	4565	37.44	180	10769	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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7271
 Engr. Usman Ali

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

Project: Commercial Tower, Finance Trade Centre, Lahore. (2nd Floor Columns N-H/1,2,4)

Our Ref. No. CL/CED/ 5031

Dated: 05/06/2024

Test Specification

Your Ref. No. HMBDPL/S.O/06/24/109 (LHR)

Dated: 05/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/06/2024 **Tested on:** 05/06/2024 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	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	15	28.28	62	4911	---	Non Engraved
2	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
3	CT-103 (6000 Psi)	7	5	2024	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Afab Sohail, CNIC # 33108-0209597-3

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

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