



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.

8452
Dr. Aqsa

To: Mr. Sameer Ahmad
BUILDIKO, 32-Q, M.A Johar Town, Lahore.

Project: City Tower.

Our Ref. No. CL/CED/ 6764

Dated: 18-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 18-12-24 Tested on: 18-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	55	4157	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	51	3854	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2655	29.64	62	4686	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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)
- 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

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ORIGINAL

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8456
Dr. Aqsa

To: Mr. Saqib Javed
Guarantee Engineers Pvt. Ltd.

Project: Construction of Febric Godown Extension, 21-Km Ferozpur Road, Lahore. (Client: Nishat Linen).
(Contractor: Guarantee Engineers). (Location: A to A'-B/2-3, CF-6 Footing)

Our Ref. No. CL/CED/ 6765

Dated: 18-12-24

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: 18-12-24 Tested on: 18-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	C-24	7	11	2024	6 x 6 x 6	---	8.4	36	67	4169	---	Non Engraved
2	C-24	7	11	2024	6 x 6 x 6	---	8.2	36	106	6596	---	Non Engraved
3	C-24	7	11	2024	6 x 6 x 6	---	8.4	36	85	5289	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Saqib Javed, CNIC # 37202-9635161-9

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"x12" 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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8379
Dr. Aqsa

To: Mr. Muhammad Khalid Zaman
Resident Engineer, Engineering Consultancy Services Punjab (ECSP) Pvt. Ltd.

Project: Model Cattle Market Shahpur Kanjra, Lahore (Retaining Wall Road # 1 R/S 0+400 RD to 0+800 RD)

Our Ref. No. CL/CED/ 6766

Dated: 18/12/2024

Test Specification

Your Ref. No. ECSP/MCML-23

Dated: 08-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 17-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:4:8)	2	12	2024	6Diax12	---	14.4	28.28	15	1188	---	Non Engraved
2	(1:4:8)	2	12	2024	6Diax12	---	14	28.28	5	396	---	Non Engraved
3	(1:4:8)	2	12	2024	6Diax12	---	14	28.28	6	475	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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Dr. Aqsa

To: Mr. Muhammad Khalid Zaman
Resident Engineer, Engineering Consultancy Services Punjab (ECSP) Pvt. Ltd

Project: Model Cattle Market Shahpur Kanjra, Lahore (Retaining Wall Road # 1 L/S 0+400 RD to 0+800 RD)

Our Ref. No. CL/CED/ 6767

Dated: 18/12/2024

Test Specification

Your Ref. No. ECSP/MCML-19

Dated: 07-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 17-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:4:8)	1	12	2024	6Diax12	---	14	28.28	28	2218	---	Non Engraved
2	(1:4:8)	1	12	2024	6Diax12	---	14.6	28.28	15	1188	---	Non Engraved
3	(1:4:8)	1	12	2024	6Diax12	---	14	28.28	11	871	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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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8379
Dr. Aqsa

To: Mr. Muhammad Khalid Zaman
Resident Engineer, Engineering Consultancy Services Punjab (ECSP) Pvt. Ltd

Project: Model Cattle Market Shahpur Kanjra, Lahore (Large Shed #1 Row #2 Footing Pads)

Our Ref. No. CL/CED/ 6768

Dated: 18/12/2024

Test Specification

Your Ref. No. ECSP/MCML-24

Dated: 08-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 17-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:4:8)	2	12	2024	6Diax12	---	14.4	28.28	24	1901	---	Non Engraved
2	(1:4:8)	2	12	2024	6Diax12	---	13.4	28.28	13	1030	---	Non Engraved
3	(1:4:8)	2	12	2024	6Diax12	---	14	28.28	26	2059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Director/Dy. Director Concrete Laboratory



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8379
Dr. Aqsa

To: Mr. Muhammad Khalid Zaman
Resident Engineer, Engineering Consultancy Services Punjab (ECSP) Pvt. Ltd

Project: Model Cattle Market Shahpur Kanjra, Lahore (Large Shed No. 1 Row #1 Footing Pads)

Our Ref. No. CL/CED/ 6769

Dated: 18/12/2024

Test Specification

Your Ref. No. ECSP/MCML-18

Dated: 07-12-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 17-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:4:8)	30	11	2024	6Diax12	---	13.8	28.28	16	1267	---	Non Engraved
2	(1:4:8)	30	11	2024	6Diax12	---	14.6	28.28	6	475	---	Non Engraved
3	(1:4:8)	30	11	2024	6Diax12	---	14.2	28.28	7	554	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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8374
Dr. Aqsa

To: Syed Azhar Hussain
Resident Engineer, PRSWSS Project, Mohalla Qabristan, Noorpur Thal City, District Khushab
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil NOORPURTHAL, District Khushab
Our Ref. No. CL/CED/ 6770
Your Ref. No. TCI/PRSESSP-NORTH/PHASE-III/NPT-04/020

Dated: 18-12-24
Dated: 11-11-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 18/12/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	K7	---	---	---	8.9 x 4.2 x 2.9	3620	3380	37.38	45	2697	7.1	---
2	K7	---	---	---	9 x 4.1 x 3	3740	3435	36.9	47	2853	8.88	---
3	K7	---	---	---	8.8 x 4.1 x 2.9	3670	3345	36.08	43	2670	9.72	---
4	K7	---	---	---	8.9 x 4.2 x 2.9	3505	3270	37.38	39	2337	7.19	---
5	K7	---	---	---	8.9 x 4.1 x 2.9	3630	3320	36.49	42	2578	9.34	---
6	11	---	---	---	8.9 x 4 x 2.9	3650	3300	35.6	41	2580	10.61	---
7	11	---	---	---	9 x 4.1 x 2.8	3670	3365	36.9	41	2489	9.06	---
8	11	---	---	---	8.8 x 4.1 x 3	3520	3240	36.08	36	2235	8.64	---
9	11	---	---	---	8.8 x 4.1 x 2.8	3450	3150	36.08	42	2608	9.52	---
10	11	---	---	---	8.9 x 4.2 x 2.9	3640	3360	37.38	42	2517	8.33	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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8374
Dr. Aqsa

To: Syed Azhar Hussain
Resident Engineer, PRSWSS Project, Mohalla Qabristan, Noorpur Thal City, District Khushab
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil NOORPURTHAL, District Khushab
Our Ref. No. CL/CED/ 6771
Your Ref. No. TCI/PRSESSP-NORTH/PHASE-III/NPT-05/037

Dated: 18-12-24
Dated: 11-11-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT



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Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	5	---	---	---	8.9 x 4.1 x 2.9	3750	3320	36.49	41	2517	12.95	---
2	5	---	---	---	9 x 4.2 x 3	3670	3220	37.8	39	2311	13.98	---
3	5	---	---	---	8.9 x 4.2 x 2.8	3660	3380	37.38	43	2577	8.28	---
4	5	---	---	---	8.9 x 4.1 x 3	3720	3330	36.49	43	2640	11.71	---
5	5	---	---	---	9 x 4.1 x 2.9	3705	3310	36.9	44	2671	11.93	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
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)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory