

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.

> 5180 Dr. M. Yousaf

To: (Mr. Imran Sattar), Divisional Forest Officer Kasur Forest Division at Changa Manga

Project: Construction of Boundary Wall at Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 1934-3 of 3 Dated:

Your Ref. No. 964/AC Changa Manga Dated: 02-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 05-05-23 Tested on: 26-05-23 in dry/wet condition



Test Specification

(BS 3921**)

29-05-23



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	P-77				9 x 4.4 x 2.8	3610	3130	39.6	44	2489	15.34	
2	P-77				8.9 x 4.4 x 2.9	3610	3180	39.16	41	2345	13.52	
3	P-77				8.9 x 4.3 x 2.9	3490	3025	38.27	37	2166	15.37	
4	P-77				9 x 4.3 x 2.9	3575	3110	38.7	43	2489	14.95	
5	P-77				8.9 x 4.4 x 3	3810	3340	39.16	43	2460	14.07	
6	ST				9 x 4.3 x 3	3745	3305	38.7	46	2663	13.31	
7	ST				9 x 4.4 x 3	3865	3365	39.6	42	2376	14.86	
8	ST				8.8 x 4.2 x 3	3800	3485	36.96	48	2909	9.04	
9	ST				8.8 x 4.3 x 3	3845	3465	37.84	45	2664	10.97	
10	ST				9 x 4.4 x 3	3950	3405	39.6	43	2432	16.01	
11												
12												
13												
14												
15												
16												

Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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5297 Engr. A. Rehman

Test Specification

To: Hussain Construction Company DHA Phase-8, Broadway, Lahore.

Our Ref. No. CL/CED/ 2022

Project: Construction of Allied School at CMH Medical and Dental College, Lahore.

Project. Construction of Amed School at Chilf Medical and Dental Conlege, Lanore.

Your Ref. No. Nil Dated: 29-05-23 (ASTM C39)

Dated:

29-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 29-05-23 Tested on: 29-05-23 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	load		Water Absorpti on (%)	Remarks
1	Raft (1:2:4)	20	5	2023	(in) 6Diax12		13.2	28.28	(Imp.Tons) 43	(psi) 3406		Non Engraved
			_						70	3400		
2	Raft (1:2:4)	20	5	2023	6Diax12		14.2	28.28	50	3960		Non Engraved
3	Raft (1:2:4)	20	5	2023	6Diax12		14	28.28	48	3802		Non Engraved
4												
5												
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9												
10												
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Muhammad Kamran Atta, CNIC # 38201-6378868-9

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

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 5305 Dr. Mazhar

To: Mr. Muhammad Irfan Contractor (MIC)

Client: Coca Cola Factory Pvt Plant Lahore.

Project: Nil

Our Ref. No. CL/CED/ 2023

Your Ref. No. Nil

29-05-23 <u>Test Specification</u>

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 29/05/2023 Tested on: 29-05-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Raft (4000 Psi)	29	4	2023	6x6x6		8.4	36	116	7218		Non Engraved
2	Raft (4000 Psi)	29	4	2023	6x6x6		8.6	36	108	6720		Non Engraved
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13												
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Dated:

Dated:

Nil

Witnessed by:

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

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ORIGINAL

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> 5251 Dr. Umbreen

To: (Saifullah Amin)

Senior Resident Engineer, NESPAK Pvt. Ltd. (Contractor: M/s ZKB-Reliable JV)

Project: WATSAN SIALKOT (NCB-WORKS/PICIIP-02) LOT-04. (RCC Bowl Bottom of OHWT T-50, Jinnah

Islamia College)

Our Ref. No. CL/CED/ 2024

Dated: 30-05-23

22-03-23

Test Specification
(ASTM C39)

Your Ref. No. Nespak/SA/UET/061 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:1:2)	1	3	2023	6Diax12		13.4	28.28	79	6257		Non Engraved
2	(1:1:2)	1	3	2023	6Diax12		13.6	28.28	104	8238		Non Engraved
3	(1:1:2)	1	3	2023	6Diax12		13.2	28.28	90	7129		Non Engraved
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10						-LA	HORE.					
11							-					
12												
13							-					
14												
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16												

Witnessed by: (Mr. Bilal Afzal, Si NESPAK), (Mr. Adnan Suleman, SE (PICIIP)

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

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> 5251 Dr. Umbreen

To: (Saifullah Amin)

Our Ref. No. CL/CED/ 2025

Senior Resident Engineer, NESPAK Pvt. Ltd. (Contractor: M/s ZKB-Reliable JV)

Project: WATSAN SIALKOT (NCB-WORKS/PICIIP-02) LOT-04. (RCC Bowl Bottom of OHWT T-40, Bonkan)

Troject. WATOAN GIALNOT (NOB-WORNON TOIN -02) EGT-04. (NOG BOWT Bottom of Griver 1-40, Bornam)

Dated:

30-05-23

Your Ref. No. Nespak/SA/UET/L-04/067 Dated: 18-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-23 Tested on: 29-05-23 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:1:2)	27	3	2023	6Diax12		13.6	28.28	88	6970		Non Engraved
2	(1:1:2)	27	3	2023	6Diax12		13.2	28.28	106	8396		Engraved
3	(1:1:2)	27	3	2023	6Diax12		13.2	28.28	106	8396		Engraved
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10						LA	HORE					
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12												
13												
14												
15												
16												

Witnessed by: (Mr. Bilal Afzal, Si NESPAK), (Mr. Adnan Suleman, SE (PICIIP)

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> 5137 Dr. Umbreen

To: Resident Engineer (Civil), Model Bazaar Head Office Building

MASCON ASSOCIATES (PVT) LTD. In Association with HA Consulting.

Project: Establishment of Model Bazaar Head Office Building.

Our Ref. No. CL/CED/ 2026 Dated: 30-05-23 **Test Specification** (ASTM C39)

MAC-HAC/23/PMBMC/LT/041 Your Ref. No. Dated: 12-04-23

COMPRESSION TEST REPORT

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

19-04-23 Specimens received on: Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3rd Floor Slab (3000 Psi)	7	4	2023	6Diax12		13	28.28	47	3723		Non Engraved
2	3rd Floor Slab (3000 Psi)	7	4	2023	6Diax12		13.2	28.28	45	3564		Non Engraved
3	3rd Floor Slab (3000 Psi)	7	4	2023	6Diax12		12.4	28.28	48	3802		Non Engraved
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Witnessed by: Nil

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

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> 5137 Dr. Umbreen

To: Resident Engineer (Civil), Model Bazaar Head Office Building

MASCON ASSOCIATES (PVT) LTD. In Association with HA Consulting.

Project:Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 2027 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. MAC-HAC/23/PMBMC/LT/042 Dated: 12-04-23

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-23 Tested on: 29-05-23 in dry/wet condition



(ASTM C39)



Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3rd Floor Column (3000 Psi)	18	3	2023	6Diax12		12.2	28.28	55	4356		Non Engraved
2	3rd Floor Column (3000 Psi)	18	3	2023	6Diax12		13	28.28	49	3881		Non Engraved
3	3rd Floor Column (3000 Psi)	18	3	2023	6Diax12		12.6	28.28	55	4356		Non Engraved
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Witnessed by: Nil

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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2028 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. OCC/CPD/26/176 Dated: 17-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Water Tank (5000 Psi)	7	5	2023	6Diax12		13.6	28.28	47	3723		Non Engraved
2	Water Tank (5000 Psi)	7	5	2023	6Diax12		13.4	28.28	63	4990		Non Engraved
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Witnessed by: Nil

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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2029 Dated: 30-05-23 **Test Specification** Your Ref. No. OCC/CPD/10/90 Dated: (ASTM C39)

17-05-23

COMPRESSION TEST REPORT

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

17-05-23 Tested on: Specimens received on: 29-05-23 in dry/wet condition





Sr. No.				Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Basement-2 Column (6000 Psi) Basement-2	22	12	2022	6Diax12		13	28.28	73	5782		Non Engraved
2	Basement-2 Column (6000 Psi)	22	12	2022	6Diax12		13	28.28	57	4515		Non Engraved
3												
4												
5					/	RINE	RINE					
6						READ W	200					
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Witnessed by: Nil

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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2030 Dated: 30-05-23 **Test Specification** Your Ref. No. OCC/CPD/19/132 Dated: (ASTM C39)

17-05-23

COMPRESSION TEST REPORT

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

17-05-23 Tested on: Specimens received on: 29-05-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Floor Slab (4000 Psi)	20	2	2023	6Diax12		14	28.28	61	4832		Non Engraved
2	Floor Slab (4000 Psi)	20	2	2023	6Diax12		13.2	28.28	55	4356		Non Engraved
3												
4												
5					/	SEINE	RINE					
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Witnessed by: Nil

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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2031 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. OCC/CPD/19/134 Dated: 17-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Retaining Wall (6000 Psi)	22	2	2023	6Diax12		14	28.28	81	6416		Non Engraved
2	Retaining Wall (6000 Psi)	22	2	2023	6Diax12		14	28.28	83	6574		Non Engraved
3												
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2032 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. OCC/CPD/21/144 Dated: 17-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	5r. No. Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	B-3, R/Wall (4000 Psi)	4	3	2023	6Diax12		13.4	28.28	83	6574		Non Engraved
2	B-3, R/Wall (4000 Psi)	4	3	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2033 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. OCC/CPD/10/89 Dated: 17-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Raft Grid-1-D, 1-E.3 (5000 Psi)	21	12	2022	6Diax12		13	28.28	43	3406		Non Engraved
2	Raft Grid-1-D, 1-E.3 (5000 Psi)	21	12	2022	6Diax12		13	28.28	71	5624		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2034 Dated: 30-05-23 **Test Specification** (ASTM C39)

Your Ref. No. OCC/CPD/20/137 Dated: 17-05-23

COMPRESSION TEST REPORT

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

17-05-23 Specimens received on: Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000 Psi)	25	2	2023	6Diax12		13.2	28.28	73	5782		Non Engraved
2	(4000 Psi)	25	2	2023	6Diax12		13.4	28.28	75	5941		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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- 2.The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2035 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. OCC/CPD/19/129 Dated: 17-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	B-2, Floor Slab (4000 Psi)	14	2	2023	6Diax12		13.4	28.28	77	6099		Non Engraved
2	B-2, Floor Slab (4000 Psi)	14	2	2023	6Diax12		13.6	28.28	86	6812		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5231 Dr. Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore. Overseas Construction Co. (Pvt.) Ltd.

Project: Gulberg City Centre

Our Ref. No. CL/CED/ 2036 Dated: 30-05-23 **Test Specification** (ASTM C39)

Your Ref. No. OCC/CPD/16/119 Dated: 17-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition



Area of **Ultimate Ultimate** Wet Dry Water Casting Date* Size Weight Weight Sr. No. X-Section Stress Mark* **Absorpti** Remarks load on (%) DD MM YYYY (Sq. in) (Imp.Tons) (in) (Kg/ gms) (Kg/ gms) (psi) Basement-1, R/Wall 29 2023 6Diax12 28.28 1 1 75 5941 Non Engraved (6000 Psi) Basement-1, R/Wall 29 28 28 2 1 2023 6Diax12 13.6 77 6099 Non Engraved (6000 Psi) 3 4 ---------------5 6 7 ------------------8 9 10 ---11 ------12 13 14 ---15 ------------------------16

Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2.The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5238 Dr. Umbreen

To: Engr. Shahid Iqbal, Manager Construction

Trans-Continental Freight (Pvt) Ltd.

Project: Construction of TAQ House-Gulberg, at Plot No.6F, Main Market Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 2037 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. THG/037/UET Dated: 03-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





Cr. No.	Moule*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of		Ultimate	water	Remarks
Sr. No.	Mark*				<i>a</i> >			X-Section		Stress	Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	J.: (70)	
1	Sample No.198 (5000 Psi)	18	3	2023	6Diax12		14	28.28	92	7287		Non Engraved
2	Sample No.199 (5000 Psi)	18	3	2023	6Diax12		13.8	28.28	94	7446		Non Engraved
3	Sample No.200 (5000 Psi)	18	3	2023	6Diax12		13.8	28.28	81	6416		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5238 Dr. Umbreen

To: Engr. Shahid Iqbal, Manager Construction

Trans-Continental Freight (Pvt) Ltd.

Project: Construction of TAQ House-Gulberg, at Plot No.6F, Main Market Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 2038 Dated: 30-05-23 <u>Test Specification</u>

Your Ref. No. THG/038/UET Dated: 03-05-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
1	Sample No.204	21	3	2023	6Diax12		(Kg/ gms)	28.28	(IIIIp. 1011s) 83	(psi) 6574		Non Engraved
2	(3000 Psi) Sample No.205 (3000 Psi)	21	3	2023	6Diax12		14	28.28	79	6257		Non Engraved
3	Sample No.206 (3000 Psi)	21	3	2023	6Diax12		13.6	28.28	90	7129		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

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> 5238 Dr. Umbreen

To: Engr. Shahid Iqbal, Manager Construction

Trans-Continental Freight (Pvt) Ltd.

Project: Construction of TAQ House-Gulberg at Plot No.6F, Main Market Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 2039 Dated: 30-05-23

Your Ref. No. THG/039/UET Dated: 03-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 17-05-23 Tested on: 29-05-23 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Sample No.210 (3000 Psi)	4	4	2023	6Diax12		13.4	28.28	84	(psi) 6653		Non Engraved
2	Sample No.211 (3000 Psi)	4	4	2023	6Diax12		13.4	28.28	81	6416		Non Engraved
3	Sample No.212 (3000 Psi)	4	4	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

> 5254 Dr. Umbreen

To: Project Manager

Lahore Hills Private Limited.

Project: Nil

 Our Ref. No. CL/CED/
 2040
 Dated:
 30-05-23
 Test Specification

 Your Ref. No.
 DH/MT/011
 Dated:
 19-05-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-23 Tested on: 29-05-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4500 psi, 1252	14	4	2023	6Diax12		13	28.28	94	7446		Non Engraved
2	4500 psi, 1253	14	4	2023	6Diax12		13.6	28.28	77	6099		Non Engraved
3	6000psi, 1234	8	4	2023	6Diax12		13.4	28.28	83	6574		Non Engraved
4	6000psi, 1235	8	4	2023	6Diax12		13.6	28.28	73	5782		Non Engraved
5	6000psi, 1240	11	4	2023	6Diax12	GINE	R 13	28.28	75	5941		Non Engraved
6	6000psi, 1241	11	4	2023	6Diax12	READIN	14	28.28	69	5465		Non Engraved
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.