



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.

5797
 Engr. Ubaid

To: Mr. Muhammad Saqib Haider
 Assistant Resident Engineer, Package-III (PCP) Jhang
 Project: Improvement of Sewerage System in Jhang City & Construction of Waste Water Treatment Plant (WWTP)-Part-1B. (MM Pakistan Pvt. Ltd.)
 Our Ref. No. CL/CED/ 2802 Dated: 31-08-23
 Your Ref. No. Jhang/PKG03/10 Dated: 24-08-23

Test Specification
 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **28-08-23** Tested on: **31-08-23** 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	HZN	---	---	---	8.6 x 4.1 x 2.8	---	2475	35.26	38	2414	---	---	
2	HZN	---	---	---	8.9 x 4.3 x 2.9	---	2530	38.27	42	2458	---	---	
3	HZN	---	---	---	8.4 x 4 x 2.6	---	2560	33.6	37	2467	---	---	
4	CHB	---	---	---	9 x 4.4 x 3	---	2700	39.6	44	2489	---	---	
5	CHB	---	---	---	8.9 x 4.4 x 2.9	---	2785	39.16	42	2402	---	---	
6	CHB	---	---	---	8.6 x 4.4 x 2.6	---	2730	37.84	40	2368	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by: Mr. M. Jasim, CNIC # 35202-0478048-3

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

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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5791
 Dr. M. Yousaf

To: Municipal Officer (I&S)
MC Kamoke.

Project: Testing of Bricks for the Scheme Namely Improvement and Rehabilitation of Roads in MC Kamoke Under PCP.

Our Ref. No. CL/CED/ 2803

Dated: 31-08-23

Test Specification

Your Ref. No. MC (KMK)/760

Dated: 22-08-23

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 25-08-23 Tested on: 31-08-23 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	AB	---	---	---	8.9 x 4.2 x 3	3380	3005	37.38	44	2637	12.48	---	
2	AB	---	---	---	8.7 x 4.3 x 2.9	3415	3070	37.41	48	2874	11.24	---	
3	AB	---	---	---	8.9 x 4.2 x 2.8	3240	2870	37.38	44	2637	12.89	---	
4	V	---	---	---	8.8 x 4.2 x 3	3250	2835	36.96	47	2848	14.64	---	
5	V	---	---	---	8.7 x 4.1 x 3	3185	2810	35.67	42	2638	13.35	---	
6	V	---	---	---	8.9 x 4.3 x 3	3180	2810	38.27	42	2458	13.17	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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ORIGINAL
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5764
 Engr. Ubaid

To: Mr. Saquib Akram
 Resident Engineer, NESPAK, Highways and Transportation Engineering Division.
 Project: Establishment of Sports Complex at Shalimar, (LDP), NA-130 (M/S Saif Construction Company (Pvt.) Ltd.
 Our Ref. No. CL/CED/ 2804 Dated: 31-08-23 Test Specification
 Your Ref. No. 3772/103/NA-130/RE/05/25 Dated: 22-08-23 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 23-08-23 Tested on: 31-08-23 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	ABC	---	---	---	8.8 x 4.3 x 3.1	3565	3155	37.84	35	2072	13	---
2	ABC	---	---	---	8.8 x 4.3 x 2.9	3525	3095	37.84	24	1421	13.89	---
3	ABC	---	---	---	8.8 x 4.3 x 2.8	3550	3140	37.84	30	1776	13.06	---
4	ABC	---	---	---	8.8 x 4.3 x 3	3575	3145	37.84	26	1539	13.67	---
5	ABC	---	---	---	8.7 x 4.3 x 3	3535	3115	37.41	34	2036	13.48	---
6	MC	---	---	---	8.8 x 4.3 x 3	3545	3075	37.84	38	2249	15.28	---
7	MC	---	---	---	8.9 x 4.3 x 3	3670	3090	38.27	34	1990	18.77	---
8	MC	---	---	---	8.8 x 4.3 x 2.9	3535	3060	37.84	40	2368	15.52	---
9	MC	---	---	---	8.8 x 4.3 x 2.9	3650	3145	37.84	28	1658	16.06	---
10	MC	---	---	---	8.7 x 4.3 x 3	3540	3110	37.41	38	2275	13.83	---
11	PA	---	---	---	8.8 x 4.4 x 3	3825	3395	38.72	35	2025	12.67	---
12	PA	---	---	---	8.8 x 4.3 x 3	3810	3380	37.84	38	2249	12.72	---
13	PA	---	---	---	8.8 x 4.3 x 3.2	3900	3500	37.84	44	2605	11.43	---
14	PA	---	---	---	8.8 x 4.3 x 3	3775	3290	37.84	30	1776	14.74	---
15	PA	---	---	---	8.9 x 4.3 x 3.1	3875	3435	38.27	32	1873	12.81	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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5746
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.10, Lahore.
Project: Provision of Missing Facilities and Upgradation of CTD Provisional Head Quarter Jallo, Lahore (Group No.1)
 Our Ref. No. CL/CED/ 2805 Dated: 31-08-23
 Your Ref. No. No.4622/10th Dated: 10-08-23

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **21-08-23** Tested on: **31-08-23** 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	DHA	---	---	---	8.6 x 4.2 x 3	3680	3370	36.12	44	2729	9.2	---	
2	DHA	---	---	---	8.6 x 4.3 x 3.1	3760	3395	36.98	45	2726	10.75	---	
3	DHA	---	---	---	8.8 x 4.3 x 3	3745	3400	37.84	42	2486	10.15	---	
4	DHA	---	---	---	8.4 x 4.1 x 3.1	3655	3410	34.44	48	3122	7.18	---	
5	DHA	---	---	---	8.6 x 4.2 x 2.9	3650	3390	36.12	48	2977	7.67	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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5771
 Engr. Ubaid

To: Deputy Director (Tech)
 Regional Directorate of Anti-Corruption Establishment Lahore Region-B.

Project: Brick Samples Collected During Site Visit in Connection with Enquiry No.83/23 Kasur.

Our Ref. No. CL/CED/ 2806

Dated: 31-08-23

Test Specification

Your Ref. No. ACE-LR-B-283

Dated: 23-08-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 23-08-23 **Tested on:** 31-08-23 **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	---	---	---	8.8 x 4.3 x 2.9	3645	3390	37.84	50	2960	7.52	Used Brick (Girls College)
2	Machine Made Double Line	---	---	---	9 x 4.3 x 3	3755	3195	38.7	45	2605	17.53	Used Brick (Girls College)
3	Machine Made Double Line	---	---	---	8.9 x 4.3 x 2.8	3635	3360	38.27	44	2575	8.18	Used Brick (Girls College)
4	Machine Made Double Line	---	---	---	9 x 4.3 x 2.9	3685	3350	38.7	41	2373	10	Used Brick (Girls College)
5	Machine Made Double Line	---	---	---	8.9 x 4.3 x 2.9	3640	3115	38.27	40	2341	16.85	Used Brick (Girls College)
6	7UP	---	---	---	8.9 x 4.3 x 3	3610	3310	38.27	46	2692	9.06	Used Brick (Boys College)
7	7UP	---	---	---	8.9 x 4.3 x 3	3725	3405	38.27	40	2341	9.4	Used Brick (Boys College)
8	7UP	---	---	---	9 x 4.3 x 3	3855	3455	38.7	36	2084	11.58	Used Brick (Boys College)
9	7UP	---	---	---	8.9 x 4.3 x 2.9	3705	3380	38.27	40	2341	9.62	Used Brick (Boys College)
10	7UP	---	---	---	8.8 x 4.3 x 2.9	3625	3225	37.84	42	2486	12.4	Used Brick (Boys College)
11	S	---	---	---	8.6 x 4.2 x 3	3795	3415	36.12	42	2605	11.13	Used Brick (THQ Hospital)
12	S	---	---	---	8.9 x 4.3 x 2.9	3755	3295	38.27	42	2458	13.96	Used Brick (THQ Hospital)
13	S	---	---	---	8.7 x 4.1 x 2.8	3690	3350	35.67	42	2638	10.15	Used Brick (THQ Hospital)
14	S	---	---	---	8.7 x 4.3 x 2.9	3755	3345	37.41	46	2754	12.26	Used Brick (THQ Hospital)
15	S	---	---	---	8.8 x 4.3 x 3.1	3815	3375	37.84	44	2605	13.04	Used Brick (THQ Hospital)
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

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ORIGINAL
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5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2807

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
3	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2808

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 **Tested on:** 31-08-23 **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	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
2	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	14.2	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Our Ref. No. CL/CED/ 2809

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-8-2023** Tested on: **31-08-23** 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	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
2	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	Silo#2 Top slab (3000 Psi)	18	7	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2810

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 **Tested on:** 31-08-23 **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	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	14.2	28.28	54	4277	---	Non Engraved
2	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2811

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 **Tested on:** 31-08-23 **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	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	14.2	28.28	40	3168	---	Non Engraved
3	Silo#4Silo Wall2nd Pour (3000 Psi)	24	7	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
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/>

- * 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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2812

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

- * 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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2813

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	32	2535	---	Non Engraved
3	Silo#3 Top Slab (3000 Psi)	25	7	2023	6Diax12	---	14	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2814

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
2	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
3	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	13.6	28.28	36	2851	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2815

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **28-8-2023** Tested on: **31-08-23** 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	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	14	28.28	34	2693	---	Non Engraved
2	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	14	28.28	38	3010	---	Non Engraved
3	Footingsilo#5 (3000 Psi)	2	8	2023	6Diax12	---	14	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2816

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 **Tested on:** 31-08-23 **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	Silo#5 Silo Wall 1st Pour(3000 Psi)	10	8	2023	6Diax12	---	13.6	28.28	22	1743	---	Non Engraved
2	Silo#5 Silo Wall 1st Pour(3000 Psi)	10	8	2023	6Diax12	---	13.6	28.28	36	2851	---	Non Engraved
3	Silo#5 Silo Wall 1st Pour(3000 Psi)	10	8	2023	6Diax12	---	13.6	28.28	34	2693	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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



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.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2817

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Silo#2 Footing (3000 Psi)	23	5	2023	6Diax12	---	13.4	28.28	38	3010	---	Non Engraved
2	Silo#2 Footing (3000 Psi)	23	5	2023	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
3	Silo#2 Footing (3000 Psi)	23	5	2023	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

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

ORIGINAL
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5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods SR III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2818

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-8-2023 Tested on: 31-08-23 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	Silo#3 Footing (3000 Psi)	25	5	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	Silo#3 Footing (3000 Psi)	25	5	2023	6Diax12	---	14	28.28	44	3485	---	Non Engraved
3	Silo#3 Footing (3000 Psi)	25	5	2023	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
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/>

- * 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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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

5796
 Dr. Umbreen

To: Quality Construction Company
 Raiwind Road Lahore.

Project: Sunridge Foods Sr III at Sharqpur Road Lahore.

Our Ref. No. CL/CED/ 2819

Dated: 31-08-23

Test Specification

Your Ref. No. Nil

Dated: 28-08-23

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 28-8-2023 **Tested on:** 31-08-23 **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	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	13.8	28.28	40	3168	---	Non Engraved
2	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	14	28.28	34	2693	---	Non Engraved
3	Silo#4 Trench Wall(3000 Psi)	15	7	2023	6Diax12	---	13.4	28.28	28	2218	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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)
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